

# Rabbit anti-Mouse Leucine Rich Repeat Kinase 2 (LRRK2) Polyclonal Antibody | anti-LRRK2 antibody

Polyclonal Antibody to Leucine Rich Repeat Kinase 2 (LRRK2)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA135355 | Rabbit | Mouse      | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

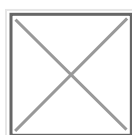
## PRODUCT SYNONYMS

Leucine Rich Repeat Kinase 2 (LRRK2); Polyclonal Antibody; Polyclonal Antibody to Leucine Rich Repeat Kinase 2 (LRRK2); anti-LRRK2 antibody

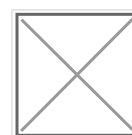
## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                                      | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against LRRK2. It has been selected for its ability to recognize LRRK2 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence                                        | Antigen: The target protein is fused with a C-terminal tag, His-tag and GST-tag and its sequence is listed below.<br>MSPI LGYWKIKGLV QPTRLLLEYL EEKYEELHYE RDEGDKWRNK KFELGLEFPN LPYYIDGDVK LTQSMIIRY IADKHNMLGG CPKRAEISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAK FERQHMDSPD LGTLEVLFGG PLGSEF-LLN GGCREQDVRK ALTVISIQKGD SQVISLLLRK LALDLANNSI CLGGFGIGKI DPSWLGPLFP DKSSNLRKQT NTGSLVLRKV LRYQMRNTLQ EGVASGSDGK FSEDALAKFG EWTFIPDSSM DSVFGQSDDL DSEGSESSL VKRKSNSISV GEVYRDALQ RCSPNAQRHS NSLGPVFDHE DLLRRKR |
| Sequence Length                                 | 2527                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-LRRK2 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                                       | Recombinant LRRK2 (Leu761~Leu994) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cross Reactivity                                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 146231954                                                           |
| NCBI GeneID                      | 66725                                                               |
| NCBI Accession #                 | NP_080006.3                                                         |
| NCBI GenBank Nucleotide #        | NM_025730.3                                                         |
| UniProt Accession #              | Q5S006; Q8BWG7; Q8BZJ6; Q8CI84; Q8K062; E9QNJ2                      |
| Molecular Weight                 | 284,732 Da                                                          |
| NCBI Official Full Name          | leucine-rich repeat serine/threonine-protein kinase 2               |
| NCBI Official Synonym Full Names | leucine-rich repeat kinase 2                                        |
| NCBI Official Symbol             | Lrrk2                                                               |
| NCBI Official Synonym Symbols    | Gm927; cl-46; AW561911; 4921513O20Rik; 9330188B09Rik; D630001M17Rik |
| NCBI Protein Information         | leucine-rich repeat serine/threonine-protein kinase 2               |
| UniProt Protein Name             | Leucine-rich repeat serine/threonine-protein kinase 2               |
| UniProt Gene Name                | Lrrk2                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/leucine-rich-repeat-kinase-2-lrrk2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135355>