

## Rabbit anti-Human OTUD5 Polyclonal Antibody | anti-OTUD5 antibody

OTUD5 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA234225</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

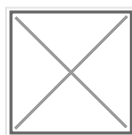
### PRODUCT SYNONYMS

OTUD5; Polyclonal Antibody; OTUD5 Antibody; OTU domain-containing protein 5; Deubiquitinating enzyme A; DUBA; anti-OTUD5 antibody

### PRODUCT SPECIFICATIONS

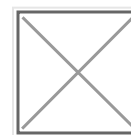
|                                                 |                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                           |
| Reactivity                                      | Human                                                                            |
| Clonality                                       | Polyclonal                                                                       |
| Isotype                                         | IgG                                                                              |
| Purity/Purification                             | >95%, Protein G purified                                                         |
| Form/Format                                     | Liquid                                                                           |
| Sequence Length                                 | 566                                                                              |
| Applicable Applications for anti-OTUD5 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                       | Recombinant Human OTU domain-containing protein 5 protein (51-183AA)             |
| Conjugation                                     | Non-conjugated                                                                   |
| Buffer                                          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



#### IHC (Immunohistochemistry)

IHC image of AAA234225 diluted at 1:300 and staining in paraffin-embedded human breast cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: OTUD5 antibody at 6.75ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 61, 59, 60, 40 KDa Observed band size: 59 KDa

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OTUD5 antibody | Deubiquitinating enzyme that functions as negative regulator of the innate immune system. Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production. Has peptidase activity towards 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. Can also cleave 'Lys-11'-linked ubiquitin chains (in vitro). |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 209977019                                                      |
| NCBI GeneID                      | 55593                                                          |
| NCBI Accession #                 | NP_001129629.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001136157.1                                                 |
| UniProt Accession #              | Q96G74; Q4KMN9; Q8N6T5; Q9H650; Q9H9U0; Q9NT65; B4DGG7; G5E9D7 |
| Molecular Weight                 | 60,210 Da                                                      |
| NCBI Official Full Name          | OTU domain-containing protein 5 isoform b                      |
| NCBI Official Synonym Full Names | OTU deubiquitinase 5                                           |
| NCBI Official Symbol             | OTUD5                                                          |
| NCBI Official Synonym Symbols    | DUBA                                                           |
| NCBI Protein Information         | OTU domain-containing protein 5                                |
| UniProt Protein Name             | OTU domain-containing protein 5                                |
| UniProt Gene Name                | <b>OTUD5</b>                                                   |
| UniProt Synonym Gene Names       | DUBA                                                           |

**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/otud5-antibody-immunohistochemistry-western-blot-elisa/234225>