

## Rabbit MERTK/TYRO3 Polyclonal Antibody | anti-MERTK/TYRO3 antibody

Anti-MERTK/TYRO3 (pY749/681) Antibody

| CATALOG # | HOST   | REACTIVITY                            | APPLICATIONS                       |
|-----------|--------|---------------------------------------|------------------------------------|
| AAA293014 | Rabbit | Human, Mouse, Rat, Zebrafish, Chicken | Immunohistochemistry, Western Blot |

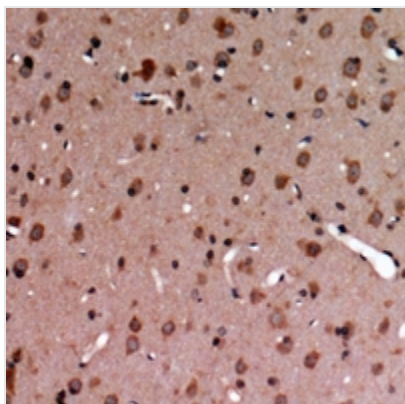
### PRODUCT SYNONYMS

MERTK/TYRO3; Polyclonal Antibody; Anti-MERTK/TYRO3 (pY749/681) Antibody; MERTK; MER; Tyrosine-protein kinase Mer; Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK; TYRO3; BYK; DTK; RSE; SKY; Tyrosine-protein kinase receptor TYRO3; Tyrosine-protein kinase DTK; Tyrosine-protein kinase RSE; Tyrosine-protein kinase SKY; Tyrosine-protein kinase byk; anti-MERTK/TYRO3 antibody

### PRODUCT SPECIFICATIONS

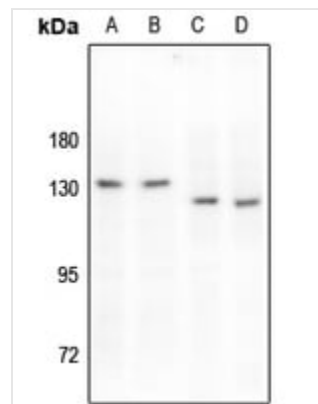
|                                                       |                                                                                                                                                       |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                                                                                |
| Reactivity                                            | Human, Mouse, Rat, Zebrafish, Chicken                                                                                                                 |
| Clonality                                             | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-MERTK/TYRO3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                               | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/2000), IH (1/50 - 1/200) Immunohistochemical analysis of MERTK/TYRO3 (pY749/681) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/2000), IH (1/50 - 1/200) Western blot analysis of MERTK/TYRO3 (pY749/681) expression in A549 (A), U87MG (B), mouse brain (C), rat brain (D) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MERTK/TYRO3 antibody | Rabbit polyclonal antibody to MERTK/TYRO3 (pY749/681)<br>KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TYRO3/MERTK.<br>The exact sequence is proprietary. |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 66932918                                                                                                                    |
| NCBI GeneID                      | 10461                                                                                                                       |
| NCBI Accession #                 | NP_006334.2                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_006343.2                                                                                                                 |
| UniProt Accession #              | Q12866; Q06418                                                                                                              |
| Molecular Weight                 | 110,249 Da                                                                                                                  |
| NCBI Official Full Name          | tyrosine-protein kinase Mer                                                                                                 |
| NCBI Official Synonym Full Names | c-mer proto-oncogene tyrosine kinase                                                                                        |
| NCBI Official Symbol             | MERTK                                                                                                                       |
| NCBI Official Synonym Symbols    | MER; RP38; c-mer                                                                                                            |
| NCBI Protein Information         | tyrosine-protein kinase Mer; STK kinase; proto-oncogene c-Mer; MER receptor tyrosine kinase; receptor tyrosine kinase MerTK |
| UniProt Protein Name             | Tyrosine-protein kinase Mer                                                                                                 |
| UniProt Gene Name                | <b>MERTK</b>                                                                                                                |
| UniProt Synonym Gene Names       | MER                                                                                                                         |
| UniProt Entry Name               | MERTK_HUMAN                                                                                                                 |

**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/mertk-tyro3-antibody-immunohistochemistry-western-blot-elisa/293014>