

## Rabbit TAK1 Polyclonal Antibody | anti-MAP3K7 antibody

Anti-TAK1 (pT184) Phospho Antibody

|                               |                       |                                                |                                                           |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA261140</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Bovine</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|

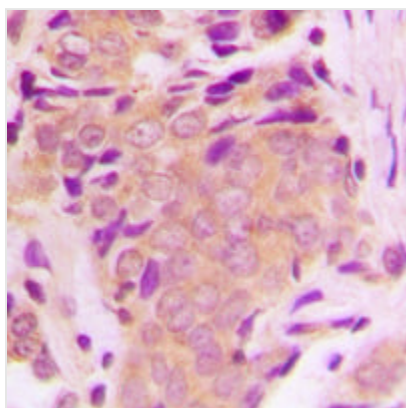
### PRODUCT SYNONYMS

TAK1; Polyclonal Antibody; Anti-TAK1 (pT184) Phospho Antibody; Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1; anti-MAP3K7 antibody

### PRODUCT SPECIFICATIONS

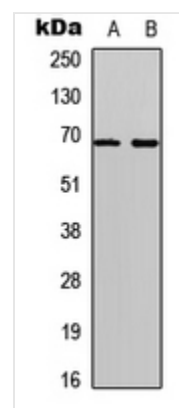
|                                                  |                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                              |
| Reactivity                                       | Human, Mouse, Rat, Bovine                                                                                                           |
| Clonality                                        | Polyclonal                                                                                                                          |
| Specificity                                      | Recognizes endogenous levels of TAK1 (pT184) protein.                                                                               |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                      | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                           |
| Sequence Length                                  | 606                                                                                                                                 |
| Applicable Applications for anti-MAP3K7 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TAK1. The exact sequence is proprietary. |
| Preparation and Storage                          | Shipped and store at 4 degree C for one year. Do not freeze.                                                                        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of TAK1 (pT184) staining in human breast cancer 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)

Western blot analysis of TAK1 (pT184) expression in HeLa TGF-treated (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                                            |
|------------------------------------------------------|--------------------------------------------|
| Related Product Information for anti-MAP3K7 antibody | Rabbit polyclonal antibody to TAK1 (pT184) |
|------------------------------------------------------|--------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 12643557                                                                       |
| NCBI GeneID                      | 6885                                                                           |
| UniProt Accession #              | O43318; O43317; O43319; Q5TDN2; Q5TDN3; Q5TDT7; Q9NTR3; Q9NZ70; B2RE27; E1P523 |
| Molecular Weight                 | 53,740 Da                                                                      |
| NCBI Official Full Name          | Mitogen-activated protein kinase kinase kinase 7                               |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase kinase kinase 7                               |
| NCBI Official Symbol             | MAP3K7                                                                         |
| NCBI Official Synonym Symbols    | TAK1; MEKK7; TGF1a                                                             |
| NCBI Protein Information         | mitogen-activated protein kinase kinase kinase 7                               |
| UniProt Protein Name             | Mitogen-activated protein kinase kinase kinase 7                               |
| UniProt Gene Name                | MAP3K7                                                                         |
| UniProt Synonym Gene Names       | TAK1; TGF-beta-activated kinase 1                                              |
| UniProt Entry Name               | M3K7_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/tak1-antibody-immunohistochemistry-western-blot-elisa/261140>