

## Rabbit anti-Human MAP3K14 Polyclonal Antibody | anti-MAP3K14 antibody

MAP3K14 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA323391 | Rabbit | Human      | ELISA, Immunohistochemistry, Western Blot |

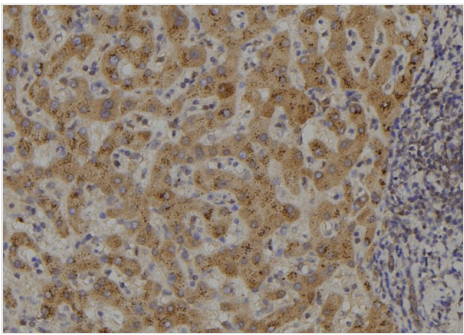
### PRODUCT SYNONYMS

MAP3K14; Polyclonal Antibody; MAP3K14 Antibody; FTDCR1B; HS; HsNIK; M3K14\_HUMAN; Map3k14; Mitogen activated protein kinase kinase kinase 14; Mitogen-activated protein kinase kinase kinase 14; NF kappa beta inducing kinase; NF-kappa-beta-inducing kinase; NIK; Serine/threonine-protein kinase NIK; anti-MAP3K14 antibody

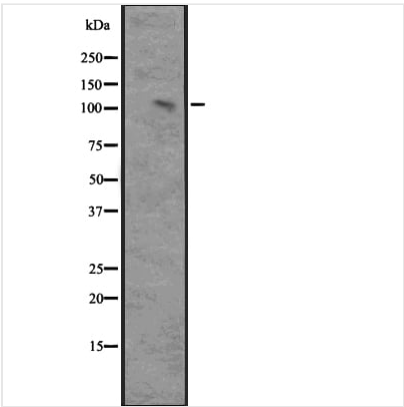
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                      |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                               |
| Reactivity                                        | Human                                                                                                                |
| Clonality                                         | Polyclonal                                                                                                           |
| Isotype                                           | IgG                                                                                                                  |
| Specificity                                       | MAP3K14 antibody detects endogenous levels of total MAP3K14                                                          |
| Purity/Purification                               | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                        |
| Form/Format                                       | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                        |
| Concentration                                     | 1mg/ml (varies by lot)                                                                                               |
| Sequence Length                                   | 947                                                                                                                  |
| Applicable Applications for anti-MAP3K14 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                 |
| Immunogen                                         | A synthesized peptide                                                                                                |
| Subcellular Location                              | Cytoplasm.                                                                                                           |
| Tissue Specificity                                | Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon. |
| Predicted Cross Reactivity                        | <b>Pig, Bovine, Horse, Sheep, Rabbit, Dog</b>                                                                        |
| Similarity                                        | Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)                                     |
| Conjugation                                       | Unconjugated                                                                                                         |

IMAGES



**IHC (Immunohistochemistry)**  
AAA323391 at 1/100 staining Human liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



**WB (Western Blot)**  
Western blot analysis of MAP3K14 expression in Ant NIK-transfected 293 cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-MAP3K14 antibody</b> | <p>Description: Lymphotoxin beta-activated kinase which seems to be exclusively involved in the activation of NF-kappa-B and its transcriptional activity. Promotes proteolytic processing of NFKB2/P100, which leads to activation of NF-kappa-B via the non-canonical pathway. Could act in a receptor-selective manner.</p> <p>Subunit Structure: Interacts with TRAF2, TRAF5, TRAF6, IKKA and NFKB2/P100 (By similarity). Interacts with TRAF3 and PELI3. Interacts with NIBP; the interaction is direct. Interacts with ARRB1 and ARRB2. Interacts with GRB10. Interacts with ZFP91.</p> <p>Post-translational Modifications: Autophosphorylated. Phosphorylation at Thr-559 is required to activates its kinase activity and 'Lys-63'-linked polyubiquitination. Phosphorylated by CHUK/IKKA leading to MAP3K14 destabilization. Ubiquitinated. Undergoes both 'Lys-48'-and 'Lys-63'-linked polyubiquitination. 'Lys-48'-linked polyubiquitination leads to its degradation by the proteasome, while 'Lys-63'-linked polyubiquitination stabilizes and activates it.</p> <p>Similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.</p> |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 115298645                                         |
| NCBI GeneID                      | 9020                                              |
| NCBI Accession #                 | NP_003945.2                                       |
| NCBI GenBank Nucleotide #        | NM_003954.5                                       |
| UniProt Accession #              | Q99558; Q8IYN1; A8K2D8; D3DX67                    |
| Molecular Weight                 | Observed: 105.4 kDa<br>Predicted: 105 kDa         |
| NCBI Official Full Name          | mitogen-activated protein kinase kinase kinase 14 |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase kinase kinase 14 |
| NCBI Official Symbol             | MAP3K14                                           |
| NCBI Official Synonym Symbols    | HS; NIK; HSNIK; FTDCR1B                           |
| NCBI Protein Information         | mitogen-activated protein kinase kinase kinase 14 |
| UniProt Protein Name             | Mitogen-activated protein kinase kinase kinase 14 |
| UniProt Gene Name                | MAP3K14                                           |
| UniProt Synonym Gene Names       | NIK; HsNIK                                        |

**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/map3k14-antibody-immunohistochemistry-western-blot-elisa/323391>