

## Rabbit anti-Human MAP3K8 Polyclonal Antibody | anti-MAP3K8 antibody

MAP3K8 (Ab-400) Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA306905 | Rabbit | Human      | Immunohistochemistry, Western Blot |

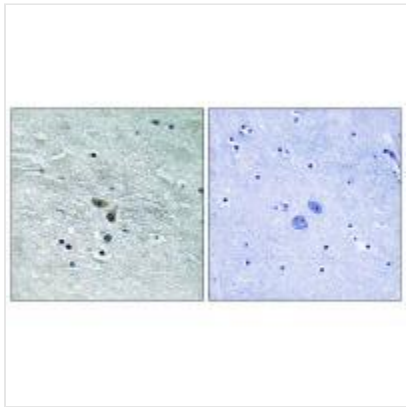
### PRODUCT SYNONYMS

MAP3K8; Polyclonal Antibody; MAP3K8 (Ab-400) Antibody; C-COT; cancer Osaka thyroid oncogene; COT proto-oncogene serine/threonine-protein kinase; EC 2.7.11.25; kinase Cot; anti-MAP3K8 antibody

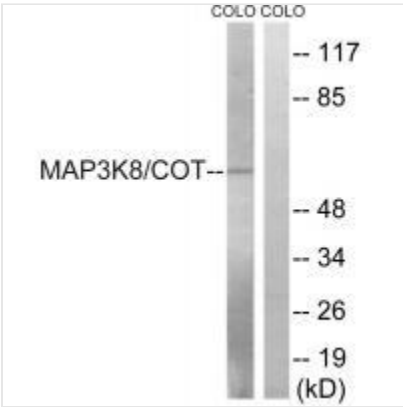
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | The antibody detects endogenous levels of total MAP3K8 protein.                                                                                    |
| Purity/Purification                              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                  | 467                                                                                                                                                |
| Applicable Applications for anti-MAP3K8 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                      |
| Immunogen Type                                   | Peptide                                                                                                                                            |
| Immunogen Description                            | Synthesized non-phosphopeptide derived from human MAP3K8 around the phosphorylation site of serine 400 (C-Q-S(p)-L-D).                             |
| Target Name                                      | MAP3K8                                                                                                                                             |
| Preparation and Storage                          | Store at -20 degree C                                                                                                                              |

IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human brain tissue using MAP3K8 (Ab-400) antibody.



**WB (Western Blot)**  
Western blot analysis of extracts from COLO cells, treated with Insulin (0.01U/ml, 15mins), using MAP3K8 (Ab-400) antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MAP3K8 antibody | Required for lipopolysaccharide (LPS)-induced, TLR4-mediated activation of the MAPK/ERK pathway in macrophages, thus being critical for production of the proinflammatory cytokine TNF-alpha (TNF) during immune responses. Involved in the regulation of T-helper cell differentiation and IFNG expression in T-cells. Involved in mediating host resistance to bacterial infection through negative regulation of type I interferon (IFN) production. In vitro, activates MAPK/ERK pathway in response to IL1 in an IRAK1-independent manner, leading to up-regulation of IL8 and CCL4. Transduces CD40 and TNFRSF1A signals that activate ERK in B-cells and macrophages, and thus may play a role in the regulation of immunoglobulin production. May also play a role in the transduction of TNF signals that activate JNK and NF-kappa-B in some cell types. In adipocytes, activates MAPK/ERK pathway in an IKBKB-dependent manner in response to IL1B and TNF, but not insulin, leading to induction of lipolysis. Plays a role in the cell cycle. Isoform 1 shows some transforming activity, although it is much weaker than that of the activated oncogenic variant.Miyoshi J.,Mol. Cell. Biol. 11:4088-4096(1991).Aoki M., J. Biol. Chem. 268:22723-22732(1993).Chan A.M.,Oncogene 8:1329-1333(1993). |
| Product Categories/Family for anti-MAP3K8 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 346644795                                        |
| NCBI GeneID                      | 1326                                             |
| NCBI Accession #                 | NP_001231063.1                                   |
| NCBI GenBank Nucleotide #        | NM_001244134.1                                   |
| UniProt Accession #              | P41279; Q14275; Q5T855; Q9HC81; A8K2Q5; D3DRX1   |
| Molecular Weight                 | 49,620 Da                                        |
| NCBI Official Full Name          | mitogen-activated protein kinase kinase kinase 8 |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase kinase kinase 8 |
| NCBI Official Symbol             | MAP3K8                                           |
| NCBI Official Synonym Symbols    | COT; EST; ESTF; TPL2; AURA2; MEKK8; Tpl-2; c-COT |
| NCBI Protein Information         | mitogen-activated protein kinase kinase kinase 8 |
| UniProt Protein Name             | Mitogen-activated protein kinase kinase kinase 8 |
| UniProt Gene Name                | MAP3K8                                           |

|                            |                  |
|----------------------------|------------------|
| UniProt Synonym Gene Names | COT; ESTF; TPL-2 |
| UniProt Entry Name         | M3K8_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/map3k8-antibody-immunohistochemistry-western-blot-elisa/306905>