

Rabbit MAP3K8 Polyclonal Antibody | anti-MAP3K8 antibody

Anti-MAP3K8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46649	Rabbit	Human, Rat No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

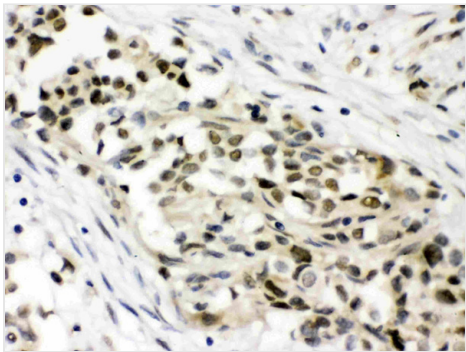
PRODUCT SYNONYMS

MAP3K8; Polyclonal Antibody; Anti-MAP3K8 Antibody; c COT; c-COT; CCOT; COT; EST; ESTF; MAP3K 8; MEKK8; TPL2; TPL-2; TPL 2; P41279; Mitogen-activated protein kinase kinase kinase 8; anti-MAP3K8 antibody

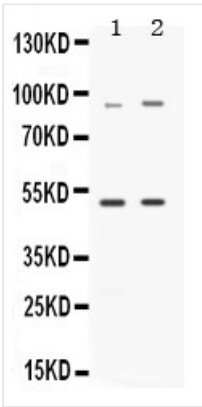
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	467
Applicable Applications for anti-MAP3K8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human MAP3K8 recombinant protein (Position: D9-L193). Human MAP3K8 shares 89.7% and 90.3% amino acid (aa) sequence identity with mouse and rat MAP3K8, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
MAP3K8 was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti- MAP3K8 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of MAP3K8 expression in rat brain extract (lane 1) and HELA whole cell lysates (lane 2). MAP3K8 at 53KD, 49KD was detected using rabbit anti- MAP3K8 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K8 antibody	Rabbit IgG polyclonal antibody for Mitogen-activated protein kinase kinase kinase 8 (MAP3K8) detection. Background: Mitogen-activated protein kinase kinase kinase 8 is an enzyme that in humans is encoded by the MAP3K8 gene. This gene is an oncogene that encodes a member of the serine/threonine protein kinase family. The encoded protein localizes to the cytoplasm and can activate both the MAP kinase and JNK kinase pathways. This protein was shown to activate IkappaB kinases, and thus induce the nuclear production of NF-kappaB. Additionally, this protein was found to promote the production of TNF-alpha and IL-2 during T lymphocyte activation. This gene may also utilize a downstream in-frame translation start codon, and thus produce an isoform containing a shorter N-terminus. The shorter isoform has been shown to display weaker transforming activity. Alternate splicing results in multiple transcript variants that encode the same protein.
References	1. "Entrez Gene: MAP3K8 mitogen-activated protein kinase kinase kinase 8". 2. Chan AM, Chedid M, McGovern ES, Popescu NC, Miki T, Aaronson SA (May 1993). "Expression cDNA cloning of a serine kinase transforming gene". Oncogene 8 (5): 1329-33. 3. Miyoshi J, Higashi T, Mukai H, Ohuchi T, Kakunaga T (Aug 1991). "Structure and transforming potential of the human cot oncogene encoding a putative protein kinase". Molecular and Cellular Biology 11 (8): 4088-96.

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/46649>