

Rabbit COT (MAP3K8/MEKK8) Polyclonal Antibody | anti-MAP3K8 antibody

COT (MAP3K8/MEKK8) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288655	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

COT (MAP3K8/MEKK8); Polyclonal Antibody; COT (MAP3K8/MEKK8) Antibody (C-term); Mitogen-activated protein kinase kinase kinase 8; Cancer Osaka thyroid oncogene; Proto-oncogene c-Cot; Serine/threonine-protein kinase cot; Tumor progression locus 2; TPL-2; MAP3K8; COT; ESTF; anti-MAP3K8 antibody

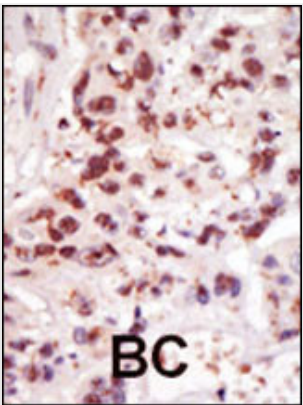
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COT (MAP3K8/MEKK8) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 368-397 amino acids from the C-terminal region of human COT (MAP3K8/MEKK8).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	368-397
Sequence Length	467
Applicable Applications for anti-MAP3K8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

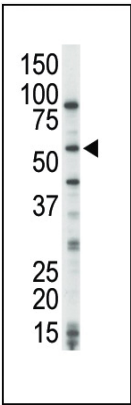
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with COT Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-COT Pab is used in Western blot to detect COT in HeLa cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K8 antibody	COT, a member of the MAPKKK subfamily of Ser/Thr protein kinases, is able to activate NF-kappa-B 1 by stimulating proteasome-mediated proteolysis of NF-kappa-B 1/p105. It plays a role in the cell cycle. The longer form of cot has some transforming activity, although it is much weaker than the activated cot oncoprotein. This cytoplasmic protein is expressed in several normal tissues and human tumor-derived cell lines. The 58 kDa form is activated specifically during the S and G2/M phases of the cell cycle. The longer form undergoes phosphorylation on Ser residues mainly, and the shorter form on both Ser and Thr residues.
Product Categories/Family for anti-MAP3K8 antibody	Cancer; Signal Transduction
References	Sanchez-Gongora, E., et al., J. Biol. Chem. 275(40):31379-31386 (2000). Aoki, M., et al., J. Biol. Chem. 268(30):22723-22732 (1993). Chan, A.M., et al., Oncogene 8(5):1329-1333 (1993). Miyoshi, J., et al., Mol. Cell. Biol. 11(8):4088-4096 (1991). Aoki, M., et al., Oncogene 6(9):1515-1519 (1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	346644795
NCBI GeneID	1326
NCBI Accession #	NP_001231063.1; NP_005195.2

NCBI GenBank Nucleotide #	NM_001244134.1
UniProt Accession #	P41279 ; Q14275 ; Q5T855 ; Q9HC81 ; A8K2Q5 ; D3DRX1
Molecular Weight	52925
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/cot-map3k8-mek8-antibody-immunohistochemistry-western-blot-elisa/288655>