

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

Anti-MAP3K8 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255992	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MAP3K8; Polyclonal Antibody; Anti-MAP3K8 Antibody; Rabbit Polyclonal; MAP3K8 Antibody; Rabbit PAb; Antigen Affinity Purified; mitogen-activated protein kinase kinase 8; Anti-AURA2 Antibody; Anti-c-COT Antibody; Anti-COT Antibody; Anti-EST Antibody; Anti-ESTF Antibody; Anti-MEKK8 Antibody; Anti-Tpl-2 Antibody; Anti-TPL2 Antibody; anti-MAP3K8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MAP3K8
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MAP3K8 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human MAP3K8 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MAP3K8 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MAP3K8 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human MAP3K8 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human MAP3K8 in human liver with rabbit polyclonal antibody at 1:1500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human MAP3K8 in human kidney with rabbit polyclonal antibody at 1:1500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-MAP3K8 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 52 kDa Observed band size: 54 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K8 antibody	Mitogen-activated protein kinase kinase kinase 8, also known as Cancer Osaka thyroid oncogene, Proto-oncogene c-Cot, Serine/threonine-protein kinase cot, Tumor progression locus 2 and MAP3K8, is a cytoplasm protein that belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and MAP kinase kinase kinase subfamily. MAP3K8 is expressed in several normal tissues and human tumor-derived cell lines. Isoform 1 of MAP3K8 is activated specifically during the S and G2/M phases of the cell cycle. MAP3K8 is required for TLR4 activation of the MEK/ERK pathway. It can activate NF-kappa-B 1 by stimulating proteasome-mediated proteolysis of NF-kappa-B 1/p15. MAP3K8 plays a role in the cell cycle. The longer form has some transforming activity, although it is much weaker than the activated cot oncoprotein. MAP3K8 oncogene linked to human endometrial carcinoma suggesting that it may be another molecule involved in human endometrial cancer. MAP3K8 may also be an important mediator of intracellular mechanotransduction in human bone marrow-derived mesenchymal stem cells (MSCs).
Product Categories/Family for anti-MAP3K8 antibody	Death Receptor Signaling
References	Clark, A.M. et al., 2004, Genes Chromosomes Cancer. 41 (2):99-108. Chan, H. et al., 2005, Biochem Biophys Res Commun. 328 (1):198-205. Aparecida Alves, C. et al., 2006, Eur J Gynaecol Oncol. 27 (6):589-93. Mielke, L.A. et al., 2009, J Immunol. 183 (12):7984-93. Glossop, J.R. et al., 2009, Gene Expr Patterns 9 (5):381-8.

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-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/255992>