

Rabbit anti-Human, mouse MAP3K15 Polyclonal Antibody | anti-MAP3K15 antibody

MAP3K15 Antibody (N-term)

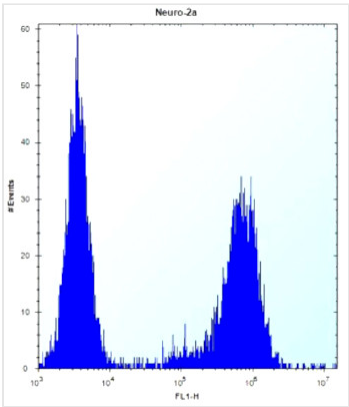
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283772	Rabbit	Human, mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

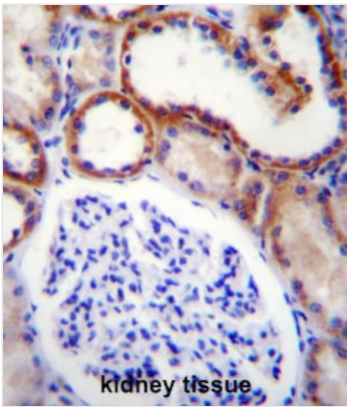
MAP3K15; Polyclonal Antibody; MAP3K15 Antibody (N-term); Mitogen-activated protein kinase kinase kinase 15; Apoptosis signal-regulating kinase 3; MAPK/ERK kinase kinase 15; MEK kinase 15; MEKK 15; ASK3; anti-MAP3K15 antibody

PRODUCT SPECIFICATIONS

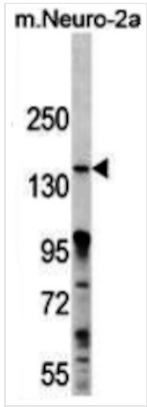
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This MAP3K15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-342 amino acids from the N-terminal region of human MAP3K15.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	315-342
Sequence Length	1313
Applicable Applications for anti-MAP3K15 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Function	May function in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis.
Tissue Location	Isoform 2 and isoform 3 are widely expressed . Isoform 2 highest levels are observed in fetal brain, and isoform 3 highest levels in pancreas, peripheral blood leukocytes, fetal brain and spleen.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



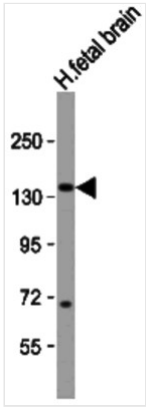
FCM/FACS (Flow Cytometry)
MAP3K15 Antibody (N-term) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
MAP3K15 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MAP3K15 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MAP3K15 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the MAP3K15 antibody detected the MAP3K15 protein (arrow).



WB (Western Blot)
Anti-MAP3K15 Antibody (N-term) at 1:1000 dilution + human fetal brain lysate. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 147 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K15 antibody	The protein encoded by this gene is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses. [provided by RefSeq].
Product Categories/Family for anti-MAP3K15 antibody	Signal Transduction
References	Kaji, T., et al. Biochem. Biophys. Res. Commun. 395(2):213-218(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	282847398
NCBI GeneID	389840
NCBI Accession #	NP_001001671.3
NCBI GenBank Nucleotide #	NM_001001671.3

UniProt Accession #	Q6ZN16; Q5JPR4; Q6ZMV3; A2AI49; A2AI50; A6NJ61
Molecular Weight	147437
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 15
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 15
NCBI Official Symbol	MAP3K15
NCBI Official Synonym Symbols	ASK3; bA723P2.3
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 15
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 15
UniProt Gene Name	MAP3K15
UniProt Synonym Gene Names	ASK3; MEK kinase 15; MEKK 15
UniProt Entry Name	M3K15_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/map3k15-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/283772>