

Rabbit MAP3K3 Polyclonal Antibody | anti-MAP3K3 antibody

Phospho-MAP3K3 (Ser166) Antibody

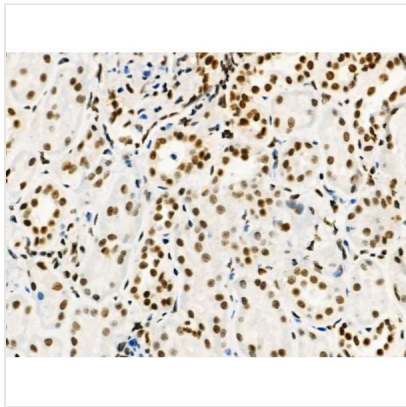
CATALOG # AAA31283	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

MAP3K3; Polyclonal Antibody; Phospho-MAP3K3 (Ser166) Antibody; M3K3_HUMAN; MAP/ERK kinase kinase 3; MAPK/ERK kinase kinase 3; MAPKKK3; MEK kinase 3; MEKK 3; MEKK3; Mitogen activated protein kinase kinase kinase 3; Mitogen-activated protein kinase kinase kinase 3; anti-MAP3K3 antibody

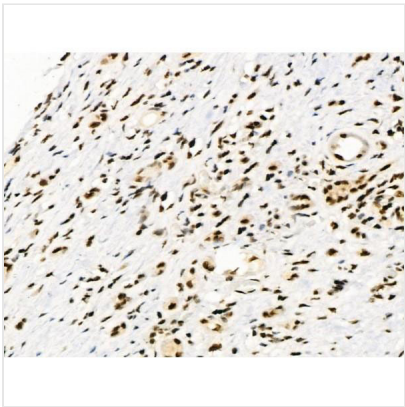
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-MAP3K3 (Ser166) Antibody detects endogenous levels of MAP3K3 only when phosphorylated at Ser166.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MAP3K3 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Application Notes	IHC: 1:50-1:200 Peptide ELISA: 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human MAP3K3 around the phosphorylation site of Ser166.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylation at Ser-166 and Ser-337 by SGK1 inhibits its activity.
Subunit Structure	Binds both upstream activators and downstream substrates in multimolecular complexes. Part of a complex with MAP2K3, RAC1 and CCM2. Interacts with MAP2K5 and SPAG9.
Similarity	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)

At 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



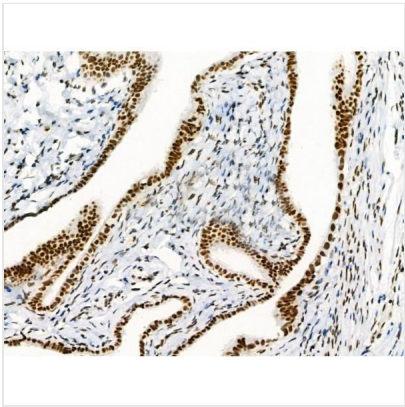
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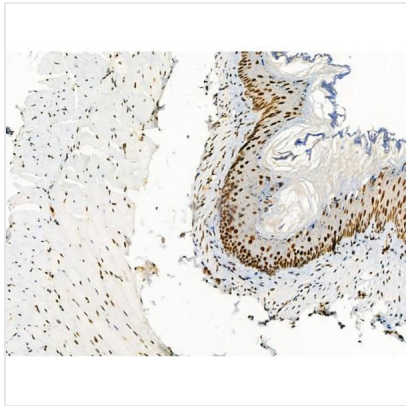
IHC (Immunohistochemistry)

At 1/100 staining Human ovarian cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

At 1/100 staining Human ovarian cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

Staining Mouse stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

At 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K3 antibody	Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42794765
NCBI GeneID	4215
NCBI Accession #	NP_002392.2
NCBI GenBank Nucleotide #	NM_002401.3
UniProt Accession #	Q99759; Q5BKZ6; Q8N3I9; B2RCW2; D3DU15
Molecular Weight	70,898 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 3
NCBI Official Symbol	MAP3K3
NCBI Official Synonym Symbols	MEKK3; MAPKKK3
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 3; MEKK 3; MEK kinase 3; MAP/ERK kinase kinase 3; MAPK/ERK kinase kinase 3
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 3
UniProt Gene Name	MAP3K3
UniProt Synonym Gene Names	MAPKKK3; MEKK3; MEK kinase 3; MEKK 3
UniProt Entry Name	M3K3_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/map3k3-antibody-immunohistochemistry-peptide-elisa-elisa/31283>