

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

MOK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321233	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

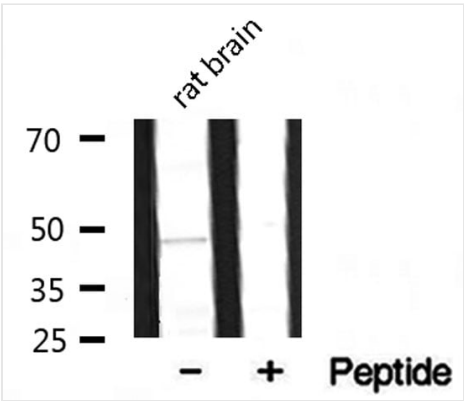
PRODUCT SYNONYMS

MOK; Polyclonal Antibody; MOK Antibody; Antigen recognized by autologous cytolytic T lymphocytes; EC 2.7.11.22; LE 9211 A antigen; MAPK/MAK/MRK overlapping kinase; MOK protein kinase; MOK_HUMAN; RAGE 1; RAGE; RAGE-1; RAGE1; Renal cell carcinoma antigen (MOK protein kinase); Renal tumor antigen 1; Renal tumor antigen; STK30; anti-MOK antibody

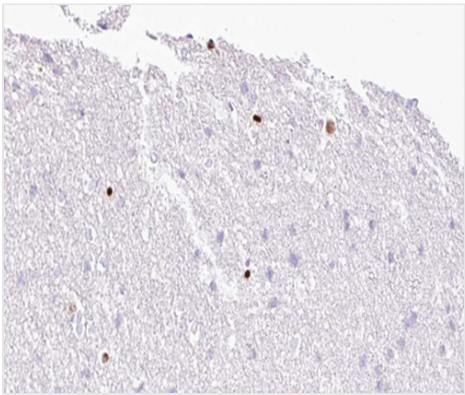
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MOK antibody detects endogenous levels of MOK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	389
Applicable Applications for anti-MOK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MOK
Subcellular Location	Cytoplasm.
Tissue Specificity	Expressed in heart, brain, lung, kidney, and pancreas, and at very low levels in placenta, liver and skeletal muscle. Detected in retina.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

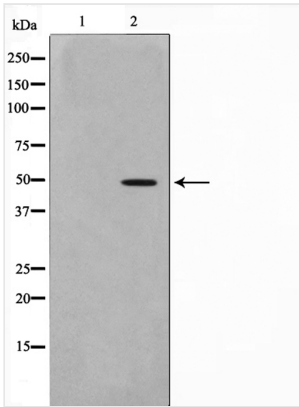
IMAGES



WB (Western Blot)
Western blot analysis on rat brain lysate using MOK Antibody



IHC (Immunohistochemistry)
AAA321233 at 1/100 staining human Brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis on HepG2 cell lysate using MOK Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MOK antibody	Description: MOK a CMGC protein kinase of the RCK family. Possesses a Thr-Glu-Tyr motif in the activation loop domain, as do classical MAP kinases. Associates with and is apparently stabilized by HSP90. Function: Able to phosphorylate several exogenous substrates and to undergo autophosphorylation. Negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner. Post-translational Modifications: Autophosphorylated. Similarity: Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	436408722
NCBI GeneID	5891
NCBI Accession #	NP_001258940.1
NCBI GenBank Nucleotide #	NM_001272011.1
UniProt Accession #	Q9UQ07; Q92790; Q93067; B2R6Z4; B7Z7P6; E7ER76; E7ERR8
Molecular Weight	Observed: 48 kDa Predicted: 49 kDa
NCBI Official Full Name	MAPK/MAK/MRK overlapping kinase isoform 2

NCBI Official Synonym Full Names	MOK protein kinase
NCBI Official Symbol	MOK
NCBI Official Synonym Symbols	RAGE; RAGE1; STK30; RAGE-1
NCBI Protein Information	MAPK/MAK/MRK overlapping kinase
UniProt Protein Name	MAPK/MAK/MRK overlapping kinase
UniProt Gene Name	MOK
UniProt Synonym Gene Names	RAGE; RAGE1; RAGE-1

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/mok-antibody-immunohistochemistry-western-blot-elisa/321233>