

MOK Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51358

Product Information

Application	WB, IP, ICC
Primary Accession	Q9UQ07
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48014

Additional Information

Gene ID	5891
Other Names	MAPK/MAK/MRK overlapping kinase, MOK protein kinase, Renal tumor antigen 1, RAGE-1, MOK, RAGE, RAGE1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MOK. The exact sequence is proprietary.
Dilution	WB~~1:1000 IP~~N/A ICC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	MOK
Synonyms	RAGE, RAGE1
Function	Able to phosphorylate several exogenous substrates and to undergo autophosphorylation. Negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q9WVS4}. Cell projection, cilium {ECO:0000250 UniProtKB:Q9WVS4}. Nucleus {ECO:0000250 UniProtKB:Q9WVS4}
Tissue Location	Expressed in heart, brain, lung, kidney, and pancreas, and at very low levels in placenta, liver and skeletal muscle. Detected in retina

Background

Able to phosphorylate several exogenous substrates and to undergo autophosphorylation (By similarity).

References

Miyata Y.,et al.Genes Cells 4:299-309(1999).

Gaugler B.,et al.Immunogenetics 44:323-330(1996).

Greenman C.,et al.Nature 446:153-158(2007).

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