

MOK Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51358**Specification**

MOK Antibody - Product Information

Application	WB, IP, ICC, E
Primary Accession	O9UQ07
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48 KDa

MOK Antibody - Additional Information**Gene ID** 5891**Other Names**

MAPK/MAK/MRK overlapping kinase, MOK protein kinase, Renal tumor antigen 1, RAGE-1, MOK, RAGE, RAGE1

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

MOK Antibody - 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

MOK Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MOK Antibody - Images

MOK Antibody - Background

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

MOK Antibody - 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).