

MOK Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51358

Product Information

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

Additional Information

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| Gene ID | 5891 |
| Other Names | MAPK/MAK/MRK overlapping kinase, MOK protein kinase, Renal tumor antigen 1, RAGE-1, MOK, RAGE, RAGE1 |
| 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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