



MOK (Phospho-Tyr161) Polyclonal Antibody

Catalog No	YP-Ab-10345
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	IHC;IF;WB
Gene Name	MOK RAGE RAGE1
Immunogen	Synthesized peptide derived from human MOK (Phospho-Tyr161)
Specificity	This antibody detects endogenous phospho levels of MOK (Phospho-Tyr161) at Human:Y161, Mouse:Y161, Rat:Y161
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200, WB 1:500-2000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AGER;RAGE;3D4G11;Advanced glycosylation end product-specific receptor; MOK RAGE RAGE1;MOK (Phospho-Tyr161);MAPK/MAK/MRK overlapping kinase (EC 2.7.11.22;MOK protein kinase;Renal tumor antigen 1;RAGE-1)
Observed Band	48kD
Calculated Molecular Weight	48kD
Cell Pathway	Cytoplasm . Cell projection, cilium . Nucleus .
Tissue Specificity	Expressed in heart, brain, lung, kidney, and pancreas, and at very low levels in placenta, liver and skeletal muscle. Detected in retina.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,enzyme regulation:Phosphorylation appears to increase the enzymatic activity., function:Able to phosphorylate several exogenous substrates and to undergo autophosphorylation.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in heart, brain, lung, kidney, and pancreas, and at very low levels in placenta, liver and skeletal muscle. Detected in retina.,



Background

MOK protein kinase(MOK) Homo sapiens This gene belongs to the MAP kinase superfamily. The gene was found to be regulated by caudal type transcription factor 2 (Cdx2) protein. The encoded protein, which is localized to epithelial cells in the intestinal crypt, may play a role in growth arrest and differentiation of cells of upper crypt and lower villus regions. Multiple alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Dec 2012],

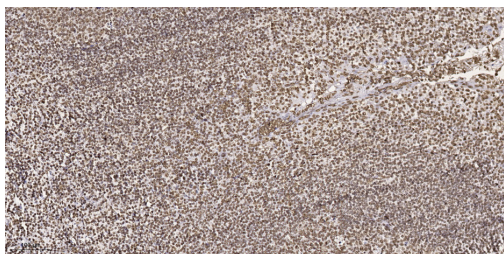
matters needing attention

Avoid repeated freezing and thawing!

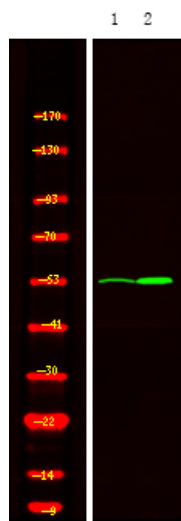
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight). 3, Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot analysis of 1 HeLa cell, 2 LPS 100ng/mL 30min treated, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000