

MAPK7 Antibody

Catalog No: #32604

Package Size: #32604-1 50ul #32604-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	MAPK7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MAPK7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human ERK5 (NP_002740.2).
Target Name	MAPK7
Other Names	MAPK7;BMK1;ERK4;ERK5;PRKM7
Accession No.	Uniprot:Q13164GeneID:5598
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GeneID	5598
SDS-PAGE MW	115KDa
Concentration	0.3mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

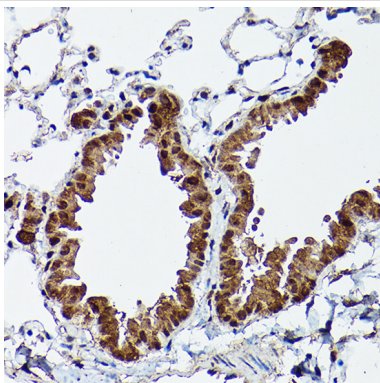
Application Details

WB □ 1:500 - 1:2000

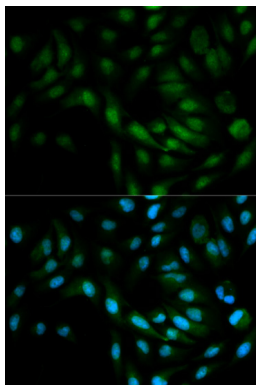
IHC □ 1:50 - 1:200

IF □ 1:50 - 1:200

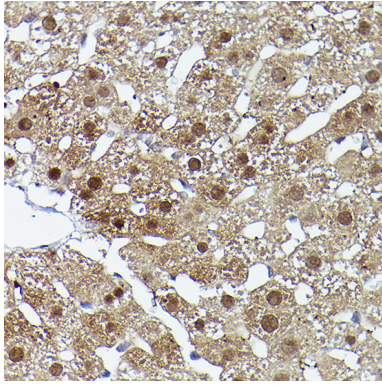
Images



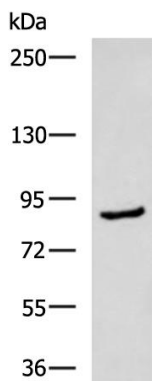
Immunohistochemistry of paraffin-embedded mouse lung using ERK5 Rabbit pAb.



Immunofluorescence analysis of MCF-7 cells using ERK5 antibody.



Immunohistochemistry of paraffin-embedded rat liver using ERK5 Rabbit pAb.



Gel: 6%SDS-PAGE
Lysate: 40 ug
Lane: A172 cell lysate
Primary antibody: at dilution 1/800
Secondary antibody: at 1/5000 dilution
Exposure time: 1 minute

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is specifically activated by mitogen-activated protein kinase kinase 5 (MAP2K5/MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors. In response to extracellular signals, this kinase translocates to cell nucleus, where it regulates gene expression by phosphorylating, and activating different transcription factors. Four alternatively spliced transcript variants of this gene encoding two distinct isoforms have been reported.

Note: This product is for in vitro research use only