

For Research Use Only

MEKK2 Polyclonal antibody

Catalog Number: 55106-1-AP

2 Publications



Basic Information

Catalog Number:

55106-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006609

GeneID (NCBI):

10746

UNIPROT ID:

Q9Y2U5

Full Name:

mitogen-activated protein kinase kinase kinase 2

Calculated MW:

70 kDa

Observed MW:

65-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : K-562 cells, MCF-7 cells

IP : HEK-293 cells,

IHC : human intrahepatic cholangiocarcinoma tissue,

Background Information

MAP3K2, also named as MEKK2 and MEKK2B, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and MAPK kinase kinase subfamily. It is a component of a protein kinase signal transduction cascade. MAP3K2 mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators. The antibody is specific to MAP3K2.

Notable Publications

Author	Pubmed ID	Journal	Application
Yesheng Fu	38582895	Nat Commun	WB
Runjie Song	37408008	Mol Cancer	IP, WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

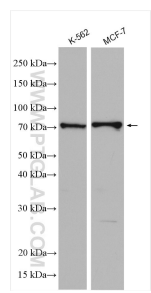
For technical support and original validation data for this product please contact:

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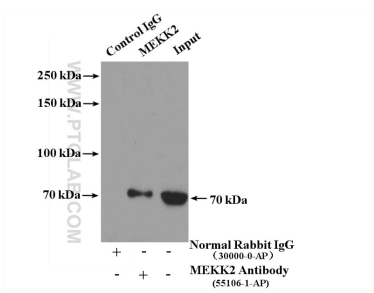
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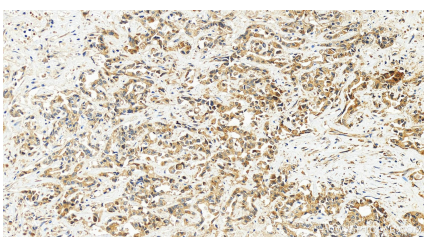
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55106-1-AP (MEKK2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-MEKK2 (IP:55106-1-AP, 4ug; Detection:55106-1-AP 1:300) with HEK-293 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 55106-1-AP (MEKK2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).