

For Research Use Only

MAP4K2 Polyclonal antibody, PBS Only

Catalog Number:55244-1-PBS



Basic Information

Catalog Number:

55244-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004579

GeneID (NCBI):

5871

UNIPROT ID:

Q12851

Full Name:

mitogen-activated protein kinase kinase kinase 2

Calculated MW:

92 kDa

Observed MW:

85-91 kDa, 58 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

MAP4K2, also named as GCK and RAB8IP, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. It enhances MAP3K1 oligomerization, which may relieve amino-terminal mediated MAP3K1 autoinhibition and lead to activation following autophosphorylation. MAP4K2 may play a role in the regulation of vesicle targeting or fusion. This antibody is specific to MAP4K2.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

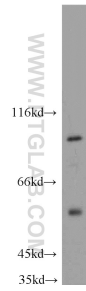
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

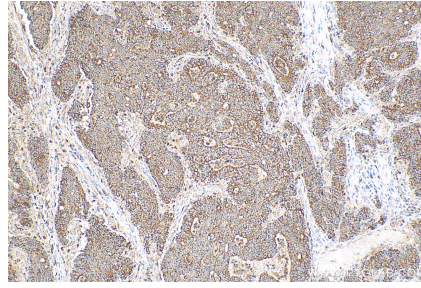
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

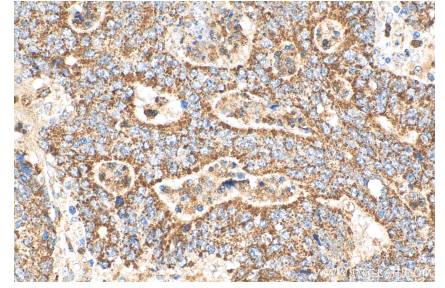
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55244-1-AP (MAP4K2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55244-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55244-1-AP (MAP4K2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55244-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55244-1-AP (MAP4K2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55244-1-PBS in a different storage buffer formulation.