

For Research Use Only

IQGAP2 Polyclonal antibody

Catalog Number: 30692-1-AP



Basic Information

Catalog Number:

30692-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33518

GenBank Accession Number:

NM_006633

GeneID (NCBI):

10788

UNIPROT ID:

Q13576

Full Name:

IQ motif containing GTPase activating protein 2

Calculated MW:

181 kDa

Observed MW:

181 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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 : HepG2 cells, HuH-7 cells, Ramos cells, human peripheral blood platelets, mouse testis tissue

IHC : human stomach tissue, human intrahepatic cholangiocarcinoma tissue

Background Information

IQGAP2, a member of the IQGAP family, functions as a tumor suppressor in most of the cancers. IQGAP2 contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. IQGAP2 interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. It also acts as a tumor suppressor and has been found to play a role in regulating innate antiviral responses.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

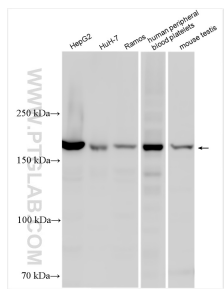
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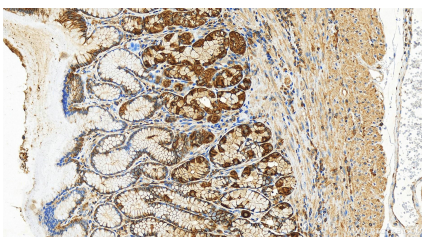
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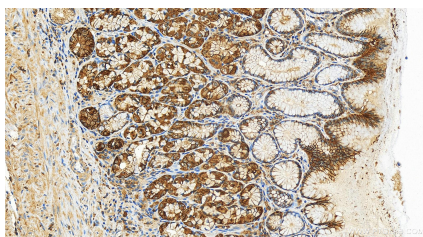
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30692-1-AP (IQGAP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 30692-1-AP (IQGAP2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 30692-1-AP (IQGAP2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).