

For Research Use Only

IQGAP2 Polyclonal antibody

Catalog Number: 30692-1-AP



Basic Information

Catalog Number: 30692-1-AP	GenBank Accession Number: NM_006633	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 10788	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q13576	
Isotype: IgG	Full Name: IQ motif containing GTPase activating protein 2	
Immunogen Catalog Number: AG33518	Calculated MW: 181 kDa	
	Observed MW: 181 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HepG2 cells, HuH-7 cells, Ramos cells, human peripheral blood platelets, mouse testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

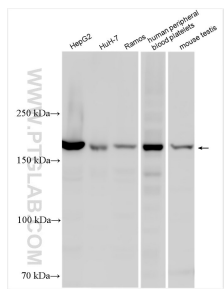
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

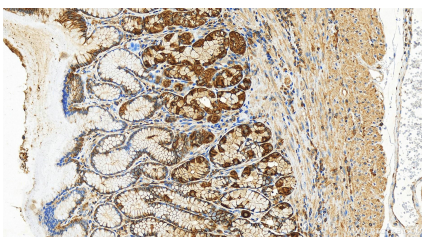
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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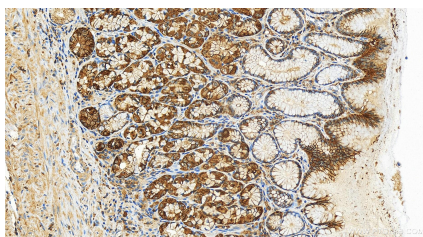
Selected Validation Data



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).



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