

For Research Use Only

RASA2 Polyclonal antibody, PBS Only

Catalog Number: 31586-1-PBS



Basic Information

Catalog Number: 31586-1-PBS	GenBank Accession Number: NM_001303245	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 5922	
Isotype: IgG	UNIPROT ID: Q15283	
Immunogen Catalog Number: AG35885	Full Name: RAS p21 protein activator 2	
	Calculated MW: 96kDa	
	Observed MW: 97 kDa	

Applications

Tested Applications:
IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:
human

Background Information

Ras GTPase-activating protein 2 (RASA2) is also named GAP1M and RASGAP. RASA2 was a critical RAS-specific GAP, inhibition of which permitted increased proliferation following TCR stimulation under conditions of immunosuppression (PMID: 37858490). RASA2 was identified as an inhibitor of RAS signaling in multiple human tumors, including melanoma, where inactivating RASA2 mutations have been found (PMID: 26502337). RASA2 is also one of the genes mutated in Noonan syndrome, a Rasopathy associated with developmental defects and elevated RAS activity (PMID: 25049390). RASA2 is expressed in both CD4+ and CD8+ T cells (PMID: 36002574).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

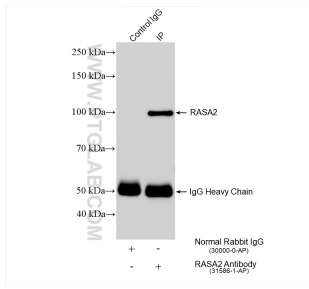
T: 4006900926

E: Proteintech-CN@ptglab.com

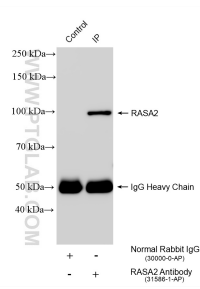
W: ptgcn.com

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

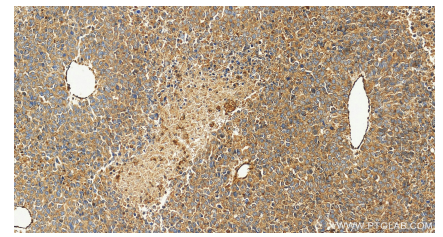
Selected Validation Data



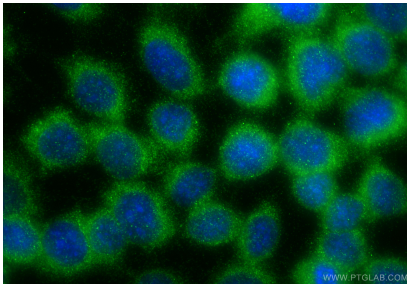
IP result of anti-RASA2 (IP:31586-1-AP, 4ug; Detection:31586-1-AP 1:1000) with Jurkat cells lysate 1920 ug. This data was developed using the same antibody clone with 31586-1-PBS in a different storage buffer formulation.



IP result of anti-RASA2 (IP:31586-1-AP, 4ug; Detection:31586-1-AP 1:1000) with A431 cells lysate 1120 ug. This data was developed using the same antibody clone with 31586-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human Hepatocellular carcinoma slide using 31586-1-AP (RASA2 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31586-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using RASA2 antibody (31586-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 31586-1-PBS in a different storage buffer formulation.