

For Research Use Only

RAP1A Monoclonal antibody, PBS Only



Catalog Number: 68125-1-PBS

Basic Information

Catalog Number: 68125-1-PBS	GenBank Accession Number: BC014086	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5906	CloneNo.: 1G12D8
Source: Mouse	UNIPROT ID: P62834	
Isotype: IgG2a	Full Name: RAP1A, member of RAS oncogene family	
Immunogen Catalog Number: AG9463	Calculated MW: 184 aa, 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, mouse, rat

Background Information

RAP1A (Ras-related protein Rap-1A), also known as KREV1. Induces morphological reversion of a cell line transformed by a Ras oncogene. The biological roles of RAP1A include inducing neurite outgrowth and embryonic angiogenesis (PMID: 17916086). As one member of RAS oncogene family, it is a widely expressed receptor, with high mRNA expression in many tissues, particularly abundant in the colon. In cells, RAP1A was localized in cytoplasm and cell membrane (PMID: 11359771, PMID: 11359771).

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

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

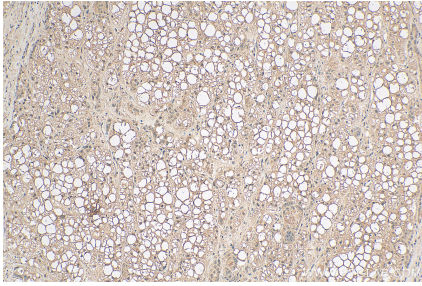
T: 4006900926

E: Proteintech-CN@ptglab.com

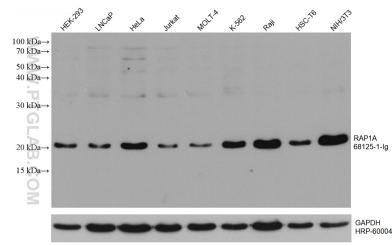
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68125-1-Ig (RAP1A antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68125-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68125-1-Ig (RAP1A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68125-1-PBS in a different storage buffer formulation.