

PDZ-GEF2 Polyclonal antibody

Catalog Number: 24583-1-AP

Basic Information

Catalog Number: 24583-1-AP	GenBank Accession Number: BC142964	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 51735	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TEU7	
Isotype: IgG	Full Name: Rap guanine nucleotide exchange factor (GEF) 6	
Immunogen Catalog Number: AG20325	Calculated MW: 1601 aa, 179 kDa	
	Observed MW: 179 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HEK-293 cells, mouse brain tissue, HeLa cells IHC : mouse brain tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

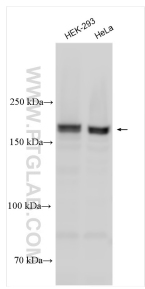
Background Information

RAPGEF6, also named PDZ-GEF2 enables several functions, including GTP-dependent protein binding activity; guanyl-nucleotide exchange factor activity; and phosphatidic acid binding activity. It is also involved in microvillus assembly; positive regulation of GTPase activity; and protein localization to plasma membrane. Located in several cellular components, including apical plasma membrane; centrosome; and endocytic vesicle.

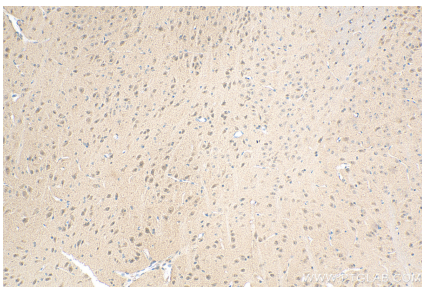
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

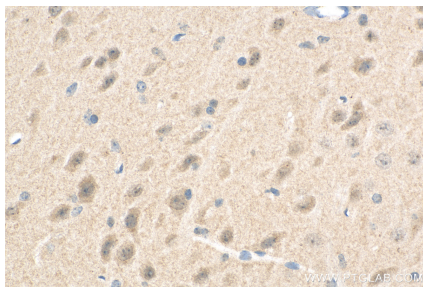
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24583-1-AP (PDZ-GEF2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24583-1-AP (PDZ-GEF2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24583-1-AP (PDZ-GEF2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).