

For Research Use Only

PDZ-GEF2 Polyclonal antibody

Catalog Number: 24583-1-AP



Basic Information

Catalog Number:

24583-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20325

GenBank Accession Number:

BC142964

GeneID (NCBI):

51735

UNIPROT ID:

Q8TEU7

Full Name:

Rap guanine nucleotide exchange factor (GEF) 6

Calculated MW:

1601 aa, 179 kDa

Observed MW:

179 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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: HEK-293 cells, mouse brain tissue, HeLa cells

IHC: mouse brain tissue, rat brain tissue

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

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

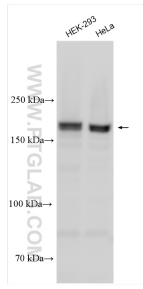
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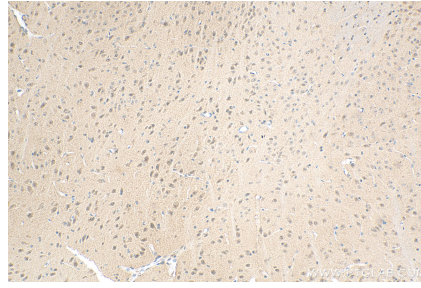
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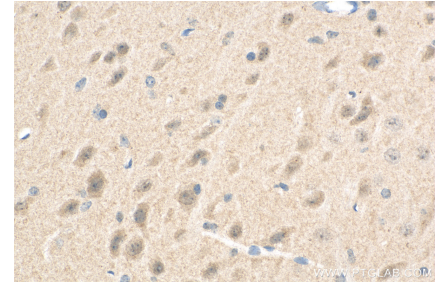
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).