For Research Use Only

RHOB Polyclonal antibody

Catalog Number:14326-1-AP Featured Product 21 Publications

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Basic Information

Catalog Number:
14326-1-AP

Size:
150ul , Concentration: 300 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5593

GenBank Accession Number:
BC066954

GeneID (NCBI):
388

UNIPROT ID:
P62745

Full Name:
ras homolog gene family, member B

Calculated MW:
22 kDa

Observed MW:
22 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:2000-1:12000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IF, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, 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 : mouse brain tissue, HEK-293 cells, HeLa cells, SH-SY5Y cells, rat brain tissue

IP : HeLa cells, mouse brain tissue

IHC : human brain tissue,

Notable Publications

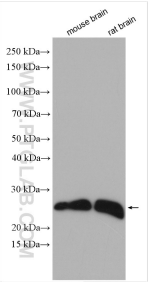
Author	Pubmed ID	Journal	Application
Mingdong Liu	30297842	Nat Commun	WB,IF
Jianyou Gu	35538494	Mol Cancer	WB,IHC
Kelly A Servage	32382024	Sci Rep	WB

Storage

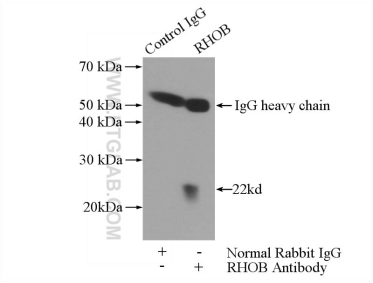
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

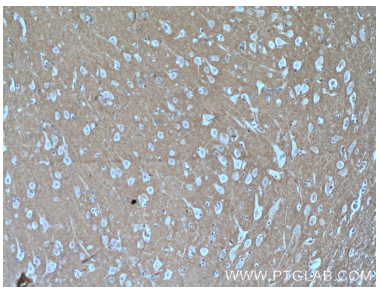
Selected Validation Data



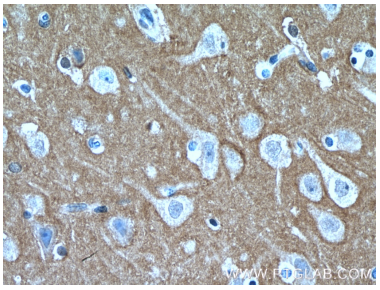
Various lysates were subjected to SDS PAGE followed by western blot with 14326-1-AP (RHOB antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-RHOB (IP:14326-1-AP, 3ug; Detection:14326-1-AP 1:2000) with HeLa cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 14326-1-AP (RHOB 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 human brain tissue slide using 14326-1-AP (RHOB antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).