

For Research Use Only

EPB41 Polyclonal antibody

Catalog Number: 13014-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

13014-1-AP

Size:

150ul, Concentration: 1100 ug/ml by Nanodrop and 687 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4075

GenBank Accession Number:

BC039079

GeneID (NCBI):

2035

UNIPROT ID:

P11171

Full Name:

erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)

Calculated MW:

720 aa, 81 kDa

Observed MW:

80 kDa, 135 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:300-1:1200

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : HL-60 cells, Jurkat cells

IP : HL-60 cells,

IHC : human stomach tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Shan Su	34637814	Virus Res	WB
Yashuang Yang	36385596	Front Med	WB
Kiyomitsu Tomomi T	23870127	Cell	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

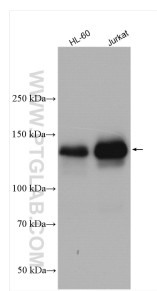
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

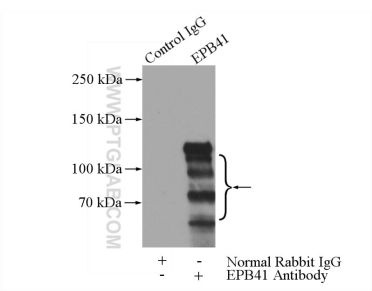
E: proteintech@ptglab.com
W: ptglab.com

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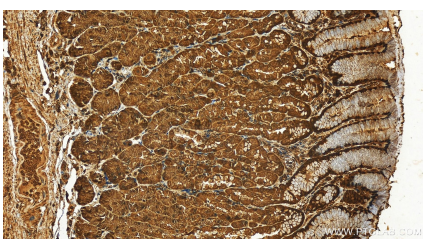
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13014-1-AP (EPB41 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-EPB41 (IP:13014-1-AP, 4ug; Detection:13014-1-AP 1:200) with HL-60 cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13014-1-AP (EPB41 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).