

For Research Use Only

# EPB41L2 Polyclonal antibody

Catalog Number: 15437-1-AP



## Basic Information

**Catalog Number:**

15437-1-AP

**Size:**

700 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3647

**GenBank Accession Number:**

BC034718

**GeneID (NCBI):**

2037

**UNIPROT ID:**

O43491

**Full Name:**

erythrocyte membrane protein band

4.1-like 2

**Calculated MW:**

112 kDa

**Observed MW:**

130-150 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

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

IHC 1:250-1:1000

IF 1:20-1:200

## Applications

**Tested Applications:**

WB, IP, IF/ICC, IHC, 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 : HeLa cells, Jurkat cells

IP : HEK-293 cells,

IHC : human ovary tumor tissue,

IF : HeLa cells,

## Background Information

### 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:

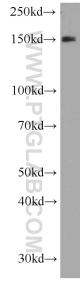
T: 4006900926

E: Proteintech-CN@ptglab.com

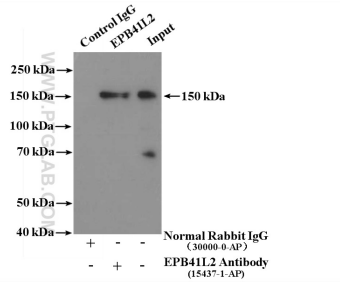
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

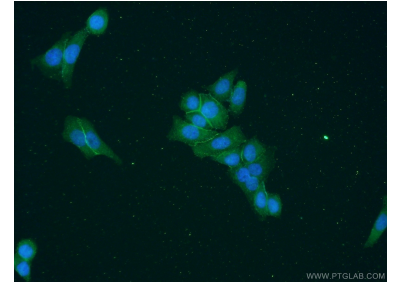
## Selected Validation Data



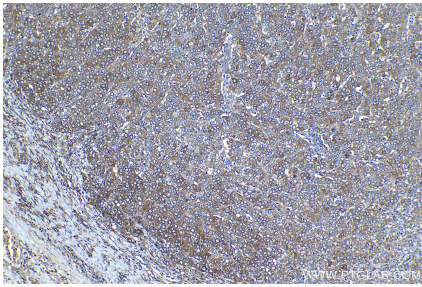
HeLa cells were subjected to SDS PAGE followed by western blot with 15437-1-AP (EPB41L2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



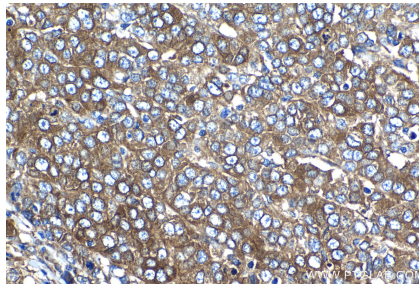
IP result of anti-EPB41L2 (IP:15437-1-AP, 4ug; Detection:15437-1-AP 1:800) with HEK-293 cells lysate 2600ug.



Immunofluorescent analysis of HeLa cells using 15437-1-AP (EPB41L2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 15437-1-AP (EPB41L2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 15437-1-AP (EPB41L2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).