

For Research Use Only

# PRAP1 Polyclonal antibody

Catalog Number: 11932-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

11932-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2526

### GenBank Accession Number:

BC029447

### GeneID (NCBI):

118471

### UNIPROT ID:

Q96NZ9

### Full Name:

proline-rich acidic protein 1

### Calculated MW:

151 aa, 17 kDa

### Observed MW:

16-20 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### 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 : L02 cells, mouse pancreas tissue

IHC : human liver tissue, human kidney tissue, mouse small intestine tissue

## Background Information

Proline rich acidic protein 1 (PRAP1) is also named as PRO1195 or UPA. It may play an important role in maintaining normal growth homeostasis in epithelial cells. Mitotic arrest deficient 1 (MAD1) is a key component in mitotic checkpoint signalling. Recent study identified PRAP1 as a novel MAD1 binding partner using yeast-two hybrid screening (PMID: 24374861). PRAP1 has four isoforms with MW 16-20 kDa and 10 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qiumo Zhang	35978266	Adv Sci (Weinh)	IHC, WB
Eric Van Buren	39095385	Nat Commun	WB, IF

## 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

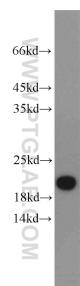
For technical support and original validation data for this product please contact:

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

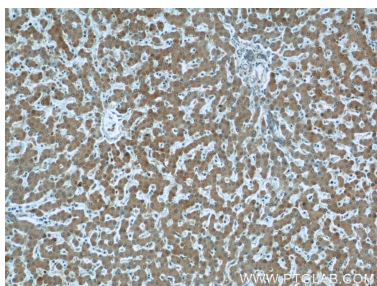
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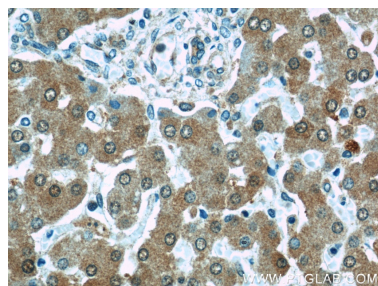
## Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 11932-1-AP (PRAP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 11932-1-AP (PRAP1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 11932-1-AP (PRAP1 antibody) at dilution of 1:50 (under 40x lens).