

# PTP4A3 Rabbit pAb

Catalog No.: A2004

1 Publications

## Basic Information

### Observed MW

26kDa

### Calculated MW

20kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a member of the protein-tyrosine phosphatase family. Protein tyrosine phosphatases are cell signaling molecules that play regulatory roles in a variety of cellular processes. Studies of this class of protein tyrosine phosphatase in mice demonstrates that they are prenylated in vivo, suggesting their association with cell plasma membrane. The encoded protein may enhance cell proliferation, and overexpression of this gene has been implicated in tumor metastasis. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:100

## Immunogen Information

### Gene ID

11156

### Swiss Prot

O75365

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-148 of human PTP4A3 (NP\_009010.2).

### Synonyms

PRL3; PRL-3; PRL-R; PTP4A3

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

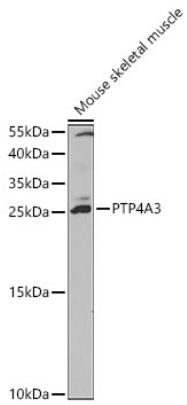
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

---



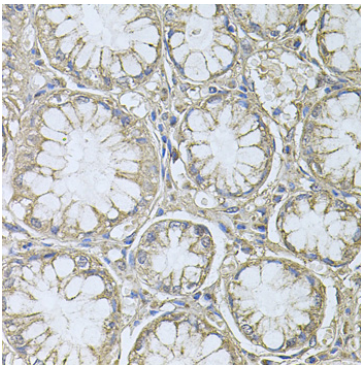
Western blot analysis of lysates from Mouse skeletal muscle, using PTP4A3 Rabbit pAb (A2004) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).



Immunohistochemistry analysis of paraffin-embedded human gastric cancer using PTP4A3 Rabbit pAb (A2004) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.