

PTPRK Rabbit pAb

CatalogNo: YN1196

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 158kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 180-260

Specificity

PTPRK Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

PTPRK PTPK

Protein Name Receptor-type tyrosine-protein phosphatase kappa (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) (EC 3.1.3.48)

Organism	Gene ID	UniProt ID
Human	5796 ;	Q15262 ;
Mouse		P35822 ;

Cellular Localization Cell junction, adherens junction. Cell membrane; Single-pass type I membrane protein.

Tissue specificity High levels in lung, brain and colon; less in liver, pancreas, stomach, kidney, placenta and mammary carcinoma.

Function Catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,Function:Regulation of processes involving cell contact and adhesion such as growth control, tumor invasion, and metastasis. Forms complexes with beta-catenin and gamma-catenin/plakoglobin. Beta-catenin may be a substrate for the catalytic activity of PTP-kappa.,PTM:This protein undergoes proteolytic processing.,similarity:Belongs to the protein-tyrosine phosphatase family. Receptor class 2B subfamily.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 MAM domain.,similarity:Contains 2 tyrosine-protein phosphatase domains.,similarity:Contains 4 fibronectin type-III domains.,tissue specificity:High levels in lung, brain and colon; less in liver, pancreas, stomach, kidney, placenta and mammary carcinoma.,

| Validation Data

| Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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PTPRK Rabbit pAb

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