

## PTPRM Rabbit pAb

CatalogNo: YN2112 Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 159kD (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 part region of human protein. AA range 21-61**Specificity** PTPRM Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** PTPRM PTPRL1

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

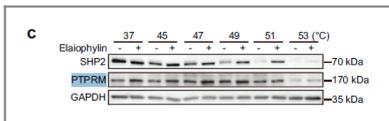
| Organism | Gene ID                | UniProt ID               |
|----------|------------------------|--------------------------|
| Human    | <a href="#">5797</a> ; | <a href="#">P28827</a> ; |
| Mouse    |                        | <a href="#">P28828</a> ; |

**Cellular Localization** Cell membrane ; Single-pass type I membrane protein. Localizes in regions of cell-cell contact. .

**Tissue specificity** Brain, Clones donated by RIKEN, Plasma, Testis,

**Function** Catalytic activity: Protein tyrosine phosphate + H<sub>2</sub>O = protein tyrosine + phosphate., Function: Involved in cell-cell adhesion through homophilic interactions. May play a key role in signal transduction and growth control., 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 1 tyrosine-protein phosphatase domain., similarity: Contains 2 tyrosine-protein phosphatase domains., similarity: Contains 4 fibronectin type-III domains.,

## Validation Data



Elaiophyllin triggers paraptosis and preferentially kills ovarian cancer drug-resistant cells by inducing MAPK hyperactivation Signal Transduction and Targeted Therapy Yong Fang WB Human

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**PTPRM Rabbit pAb**

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