

## LRMP (PT0797R) PT™ Rabbit mAb

CatalogNo: YM8892 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB,IHC,IF,ICC,FC

#### MW

- 61kD (Observed)

#### Isotype

- IgG,Kappa

### Recommended Dilution Ratios

**WB 1:1000-5000**

**IHC 1:100-300**

**ICC/IF 1:100-300**

**FC 1:100-300**

### Storage

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

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

### Basic Information

**Clonality** Monoclonal

**Clone Number** PT0797R

### Immunogen Information

**Specificity** Endogenous

### Target Information

**Gene name** IRAG2;JAW1;LRMP

**Protein Name** Inositol 1,4,5-triphosphate receptor associated 2;Lymphoid-restricted membrane protein;Protein Jaw1; [Cleaved into: Processed inositol 1,4,5-triphosphate receptor associated 2]

Organism	Gene ID	UniProt ID
Human	<a href="#">4033</a> ;	<a href="#">Q12912</a> ;
Mouse		<a href="#">Q60664</a> ;

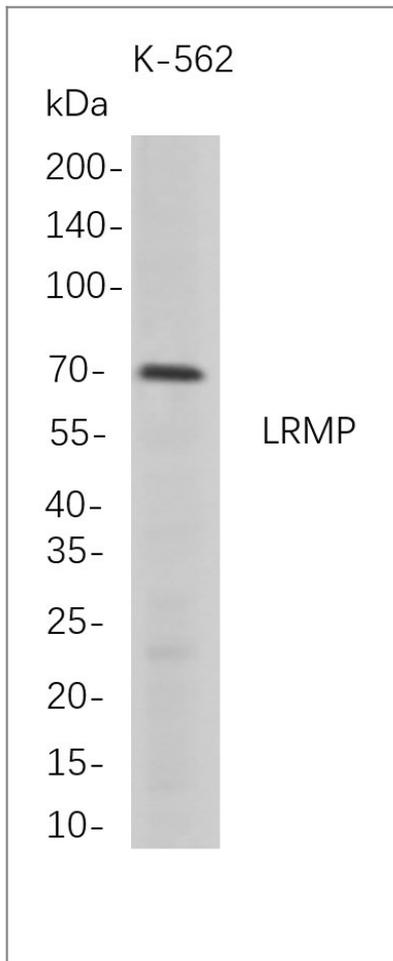
**Cellular Localization** [Processed inositol 1,4,5-triphosphate receptor associated 2]: Cytoplasm.; Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Nucleus envelope. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole. Chromosome. Note=Colocalized with ITPR3 on the endoplasmic reticulum membrane..

**Tissue specificity** Expressed at high levels in pre B-cells, mature B-cells and pre T-cells. Expressed at low levels in mature T-cells and plasma B-cells. Expressed in germinal center B-cells, splenic marginal zone cells and B-cell lymphomas. Expressed in neuronal cells in the cerebral cortex, epithelial cells in tonsil, adrenal glands, zymogen-producing cells in the stomach and epithelial cells in seminal vesicles. {ECO:0000269|PubMed:16739114, ECO:0000269|PubMed:8021504}.

**Function** Plays a role in the delivery of peptides to major histocompatibility complex (MHC) class I molecules; this occurs in a transporter associated with antigen processing (TAP)-independent manner. May play a role in taste signal transduction via ITPR3. May play a role during fertilization in pronucleus congression and fusion. Plays a role in maintaining nuclear shape, maybe as a component of the LINC complex and through interaction with microtubules. Plays a role in the regulation of cellular excitability by regulating the hyperpolarization-activated cyclic nucleotide-gated HCN4 channel activity (By similarity). {ECO:0000250|UniProtKB:Q60664}.

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## | Validation Data



Western Blot analysis of K-562 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-LRMP rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

## Contact information

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**PT™ Rabbit mAb**

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