



LRMP Rabbit mAb

Catalog No	YP-rAb-17686
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IF,ICC,FC
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]
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000; IHC 1:100-300; ICC/IF 1:100-300; FC 1:100-300 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	IRAG2 ; JAW1 ; LRMP ; 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] ;
Observed Band	61kD
Calculated Molecular Weight	
Cell Pathway	[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

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(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}.

Background

The protein encode dby this gene is expressed in a developmentally regulated manner in lymphoid cell lines and tissues. The protein is localized to the cytoplasmic face of the endoplasmic reticulum. [provided by RefSeq, Jul 2008]

matters needing attention

Avoid repeated freezing and thawing!

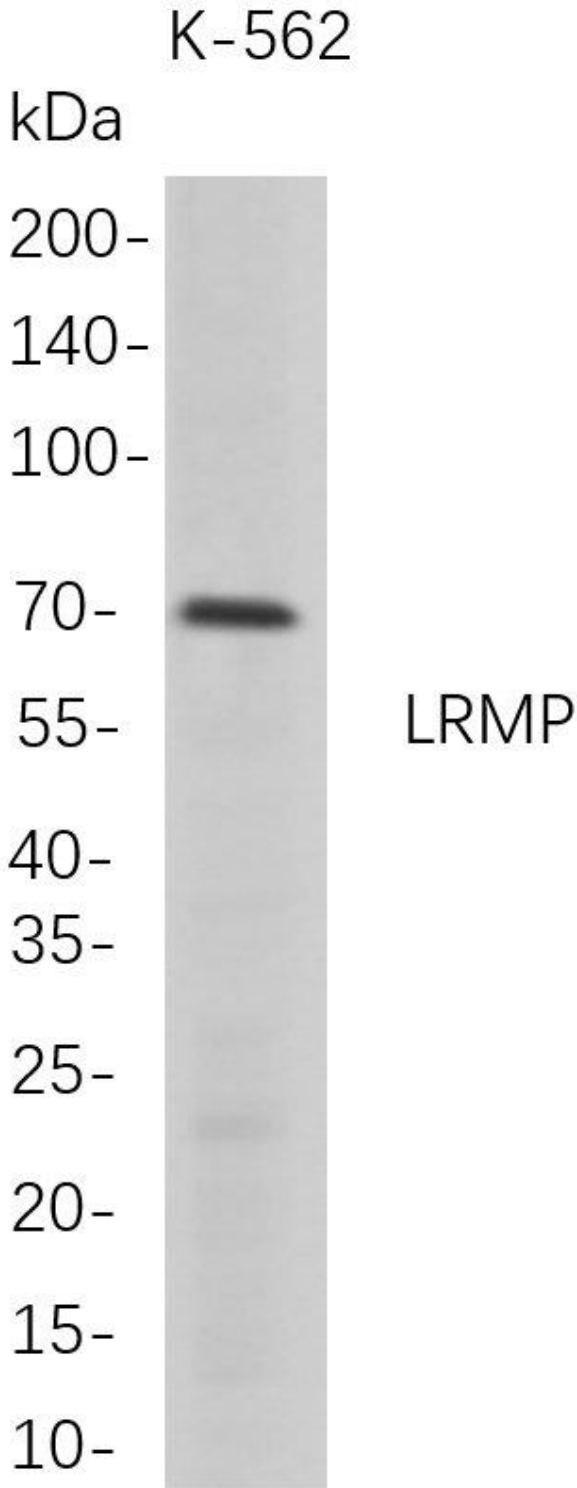
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





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.





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