

Recombinant Anti-Jaw1 Rabbit mAb

Catalog # AP95403

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	Q12912
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	62122

Additional Information

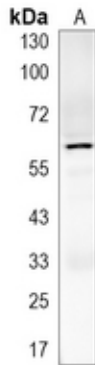
Gene ID	4033
Other Names	JAW1; Lymphoid-restricted membrane protein; Protein Jaw1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Jaw1 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

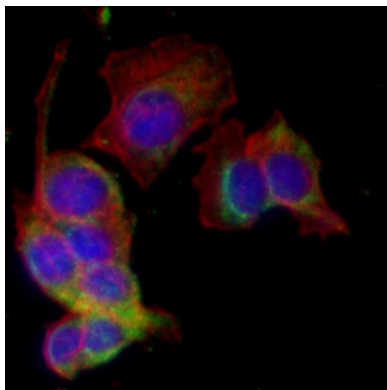
Name	IRAG2 (HGNC:6690)
Synonyms	JAW1, LRMP
Function	Plays a role in the delivery of peptides to major histocompatibility complex (MHC) class I molecules; this occurs in a transporter associated with antigen processing (TAP)-independent manner. May play a role in taste signal transduction via ITPR3. May 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).
Cellular Location	[Processed inositol 1,4,5-triphosphate receptor associated 2]: Cytoplasm {ECO:0000250 UniProtKB:Q60664}
Tissue Location	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.

Images



Western blot analysis of Jaw1 expression in K562 (A) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 62 kD)



Immunofluorescent analysis of Jaw1 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.