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Anti-IL15RA Rabbit Monoclonal Antibody

Catalog # ABO16162

Product Information

Application	WB, IF, ICC
Primary Accession	Q13261
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-IL15RA Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

Additional Information

Gene ID	3601
Other Names	Interleukin-15 receptor subunit alpha, IL-15 receptor subunit alpha, IL-15R-alpha, IL-15RA, CD215, Soluble interleukin-15 receptor subunit alpha, sIL-15 receptor subunit alpha, sIL-15R-alpha, sIL-15RA, IL15RA
Calculated MW	28233
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 27I41
Immunogen	A synthesized peptide derived from human IL15RA
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	IL15RA
Function	High-affinity receptor for interleukin-15 (PubMed: 8530383). Can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells (By similarity). In neutrophils, binds and

activates kinase SYK in response to IL15 stimulation (PubMed:15123770). In neutrophils, required for IL15- induced phagocytosis in a SYK-dependent manner (PubMed:15123770). Expression of different isoforms may alter or interfere with signal transduction (PubMed:10480910).

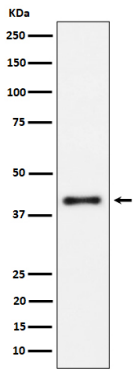
Cellular Location

Membrane; Single- pass type I membrane protein. Nucleus membrane; Single-pass type I membrane protein. Cell surface. Note=Mainly found associated with the nuclear membrane [Isoform 6]: Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single- pass type I membrane protein. Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Membrane; Single-pass type I membrane protein Note=Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane [Isoform 8]: Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single- pass type I membrane protein. Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Membrane; Single-pass type I membrane protein Note=Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane

Tissue Location

Expressed in neutrophils (at protein level) (PubMed:15123770). Expressed in fetal brain with higher expression in the hippocampus and cerebellum than in cortex and thalamus (PubMed:12114302). Higher levels of soluble sIL-15RA form in comparison with membrane-bound forms is present in all brain structures (PubMed:12114302). Isoforms 1, 3, 4, 5, 6, 7, 8 and 9: Widely expressed (PubMed:10480910, PubMed:8530383).

Images



Western blot analysis of IL15RA expression in Raji cell lysate.

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