

Anti-IL-1RAPL1 Antibody (2J77)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2J77
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human IL-1R8 / IL1RAPL1 protein (TMPY-01036)
Antigen Species:	Human
Synonyms:	OPHN4;6330532G10Rik;interleukin 1 receptor accessory protein-like 1;IL1RAPL;C030039N24;IL1R8;TIGIRR-2;MRX34

Research Background

Interleukin-1 receptor accessory protein-like 1 (IL1RAPL1) is a member of the interleukin-1 receptor family. The protein structurally comprises three extracellular immunoglobulin domains, which presumably mediate binding of an as yet unidentified ligand, a transmembrane region, and an intracellular domain, which is likely to enable signaling via the NFkB pathway. The means of signaling is almost certain to be identical to that used by the IL1R family and the more distally related Toll protein. L1RAPL1 protein physically interacts via its 150 aa C-terminal domain with neuronal calcium sensor-1 (NCS-1), a protein widely expressed in neurons and the related chromaffin and PC12 cells. IL1RAPL1 is an integral membrane protein responsible for a nonsyndromic form of mental retardation (MR). It is suggested to affect the human cognitive ability to some extent, especially the memory and concentration capability.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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