

IL1RAPL1 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant IL1RAPL1.

Catalog # AT2512a

Product Information

Application	WB, E
Primary Accession	Q9NZN1
Other Accession	NM_014271
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1C10
Calculated MW	79969

Additional Information

Gene ID	11141
Other Names	Interleukin-1 receptor accessory protein-like 1, IL-1-RAPL-1, IL-1RAPL-1, IL1RAPL-1, Oligophrenin-4, Three immunoglobulin domain-containing IL-1 receptor-related 2, TIGIRR-2, X-linked interleukin-1 receptor accessory protein-like 1, IL1RAPL1, OPHN4
Target/Specificity	IL1RAPL1 (NP_055086.1, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	IL1RAPL1 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

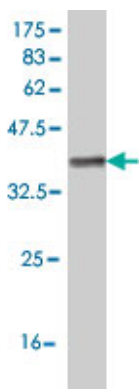
Background

The protein encoded by this gene is a member of the interleukin 1 receptor family and is similar to the interleukin 1 accessory proteins. It is most closely related to interleukin 1 receptor accessory protein-like 2 (IL1RAPL2). This gene and IL1RAPL2 are located at a region on chromosome X that is associated with X-linked non-syndromic mental retardation. Deletions and mutations in this gene were found in patients with mental retardation. This gene is expressed at a high level in post-natal brain structures involved in the hippocampal memory system, which suggests a specialized role in the physiological processes underlying memory and learning abilities.

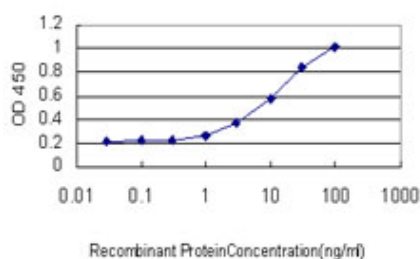
References

1. Mutations in the calcium-related gene IL1RAPL1 are associated with autism. Piton A, Michaud JL, Peng H, Aradhya S, Gauthier J, Motttron L, Champagne N, Lafreniere RG, Hamdan FF; S2D team, Joober R, Fombonne E, Marineau C, Cossette P, Dube MP, Haghighi P, Drapeau P, Barker PA, Carbonetto S, Rouleau GA. Hum Mol Genet. 2008 Dec 15;17(24):3965-74. Epub 2008 Sep 18.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged IL1RAPL1 is approximately 0.3ng/ml as a capture antibody.

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