

IL1RAPL1 Antibody (monoclonal) (M04) - Product info

CATALOG #

AT2512a

APPLICATIONS

WB,E

REACTIVITY

H

ACCESSIONS

NP_055086

SIZE

100 ug

ISOTYPE

IgG2a Kappa

CLONE NAMES

1C10

BACKGROUND

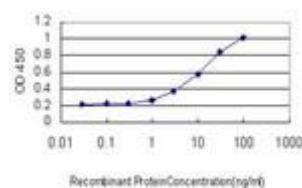
The protein encoded by this gene is a member of the interleukin 1 receptor family and is similar to the interleukin 1 accessory proteins. It is most closely related to interleukin 1 receptor accessory protein-like 2 (IL1RAPL2). This gene and IL1RAPL2 are located at a region on chromosome X that is associated 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

A genetic association study of maternal and fetal candidate genes that predispose to preterm prelabor rupture of membranes (PROM). Romero R, et al. Am J Obstet Gynecol, 2010 Jul 29. PMID 20673868. Variation at the NFATC2 Locus Increases the Risk of Thiazolidinedione-Induced Edema in the Diabetes REDuction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Systematic resequencing of X-chromosome synaptic genes in autism spectrum disorder and schizophrenia. Piton A, et al. Mol Psychiatry, 2010 May 18. PMID 20479760. Identification of fetal and maternal single nucleotide polymorphisms in candidate genes that predispose to spontaneous preterm labor with intact membranes. Romero R, et al. Am J Obstet Gynecol, 2010 May. PMID 20452482. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.

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Calculated MW: 79969 Da



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

IL1RAPL1 Antibody (monoclonal) (M04) - Additional info

GENE ID	GENE SYMBOL
11141	IL1RAPL1

OTHER NAMES

IL1R8, IL1RAPL, MRX34, OPHN4, TIGIRR2
interleukin 1 receptor accessory protein-like 1

TARGET/SPECIFICITY

IL1RAPL1 (NP_055086, 151 a.a. ~ 251 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

APPLICATION NOTES

ELISA ~ 1ug/ml~3ng/ml
Western blot ~ 1:500~1000

FORMAT

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

STORAGE

Maintain refrigerated at 2-8 deg C for up to 6 months. For long term storage store at -20 deg C in small aliquots to prevent freeze-thaw cycles.

PRECAUTIONS

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL1RAPL1 Antibody (monoclonal) (M04) - Related products

AT2512a: [IL1RAPL1 Antibody \(monoclonal\) \(M04\)](#)

DC14409: [Human IL1RAPL1 cDNA Clone](#)

RI12699: [IL1RAPL1 predesign siRNA](#)