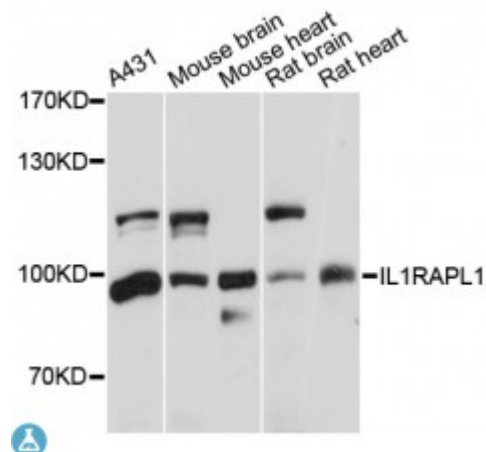


Anti-IL1RAPL1 Antibody



Description

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.

Model	STJ116202
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 130-210 of human IL1RAPL1 (NP_055086.1).
Gene ID	11141
Gene Symbol	IL1RAPL1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected at low levels in heart, skeletal muscle, ovary, skin, amygdala, caudate nucleus, corpus callosum, hippocampus, substantia nigra and thalamus, Detected at very low levels in tonsil, prostate, testis, small intestine, placenta, colon and fetal liver

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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 pro
Molecular Weight	79.969 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5996 OMIM:300143 Reactome:R-HSA-388844
Alternative 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 pro
Function	May regulate secretion and presynaptic differentiation through inhibition of the activity of N-type voltage-gated calcium channel ,
Cellular Localization	Cell membrane

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