IRPL1 Polyclonal Antibody

Catalog No	BYab-07087
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	IL1RAPL1 OPHN4
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 interleuki
Immunogen	Synthesized peptide derived from human protein . at AA range: 340-420
Specificity	IRPL1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	76kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, axon . Cell projection, dendrite . May localize to the cell body and growth cones of dendrite-like processes. .
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.
Function	alternative products:A number of isoforms are produced,disease:Defects in IL1RAPL1 are the cause of mental retardation X-linked type 21 (MRX21) [MIM:300143]. Mental retardation is a mental disorder characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.,similarity:Belongs to the interleukin-1 receptor family.,similarity:Contains 1

	TIR domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Detected at low levels in heart, skeletal muscle, ovary, skin, and in 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.,
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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images