



IL-1RI Polyclonal Antibody

Catalog No	YP-Ab-13720
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	IL1R1
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human IL1R1. AA range:31-80
Specificity	IL-1RI Polyclonal Antibody detects endogenous levels of IL-1RI protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IL1R1;CD121 antigen-like family member A;CD121A;D2S1473;EC:3.2.2.6;IL-1RI;Interleukin-1 receptor type 1;IL1R;IL1RA;IL1RT1;IL-1R-1;IL-1RT-1;IL-1RT1;Interleukin-1 receptor alpha;IL-1R-alpha;Interleukin-1 receptor type I;p80
Observed Band	75kD
Calculated Molecular Weight	75kD
Cell Pathway	Membrane ; Single-pass type I membrane protein . Cell membrane . Secreted .
Tissue Specificity	Expressed in T-helper cell subsets. Preferentially expressed in T-helper 1 (Th1) cells.
Function	function:Receptor for interleukin-1 alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappa-B. Signaling involves formation of a ternary complex containing IL1RAP, TOLLIP, MYD88, and IRAK1 or IRAK2.,similarity:Belongs to the interleukin-1 receptor family.,similarity:Contains 1 TIR domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Binds IL1RAP.,



Background

This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12. [provided by RefSeq, Dec 2013],

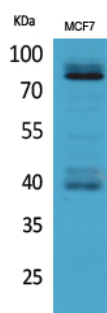
matters needing attention

Avoid repeated freezing and thawing!

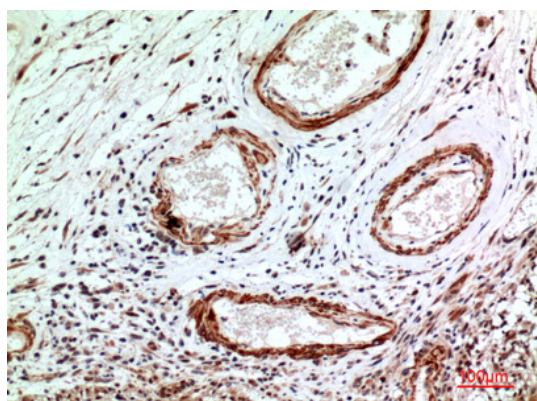
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of MCF7 cells using IL-1RI Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100