



Rabbit Anti-Human IL1R1 Polyclonal Antibody (CABT-L2084)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Interleukin 1 Receptor Type I (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against IL1R1. It has been selected for its ability to recognize IL1R1 in immunohistochemical staining and western blotting.
Target	IL1R1
Immunogen	Recombinant fragment corresponding to human IL1R1 (Asp21~Ile109)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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]
Keywords	CD121a;CD121-A;IL1-R1;IL1R;IL1RA;P80;CD121 Antigen-Like Family Member A;Interleukin-1 Receptor Alpha

GENE INFORMATION

Gene Name	IL1R1 interleukin 1 receptor, type I [Homo sapiens (human)]
Official Symbol	IL1R1
Synonyms	IL1R1; interleukin 1 receptor, type I; P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha; interleukin-1 receptor type 1; IL-1R-1; IL-1RT1; IL-1RT-1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I;
Entrez Gene ID	3554
Protein Refseq	NP_000868
UniProt ID	P14778
Chromosome Location	2q12
Pathway	Amoebiasis; Apoptosis; Apoptosis Modulation and Signaling; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; HTLV-I infection; Hematopoietic cell lineage; Hypertrophy Model;
Function	interleukin-1 receptor activity; interleukin-1, Type I, activating receptor activity; platelet-derived growth factor receptor binding; protease binding; protein binding; signal transducer activity; transmembrane signaling receptor activity;