

Rabbit IL1RAP Polyclonal Antibody | anti-IL1RAP antibody

IL1RAP Antibody

CATALOG # AAA266863	HOST Rabbit	REACTIVITY Human; Rat; Mouse	APPLICATIONS Western Blot
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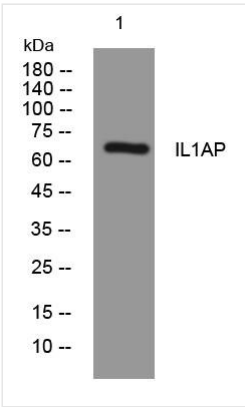
PRODUCT SYNONYMS

IL1RAP; Polyclonal Antibody; IL1RAP Antibody; C3orf13; IL-1RAcP; IL1R3; anti-IL1RAP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Rat; Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody detects endogenous levels of IL1AP at Human/Mouse/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-IL1RAP antibody	WB (Western Blot)
Immunogen	Synthesized peptide derived from human IL1AP AA range: 213-263
Function	function: Mediates interleukin-1-dependent activation of NF-kappa-B. Isoform 1 is part of the membrane-bound form of the IL-1 receptor. Signaling involves formation of a ternary complex containing IL1R1, TOLLIP, MYD88, and IRAK1 or IRAK2. Isoform 2 modulates the response to interleukins by associating with soluble IL1R1 and enhancing interleukin-binding to the decoy receptor., induction: Phorbol ester treatment causes down-regulation of isoform 1 and induction of isoform 2., 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 in liver, skin, placenta, thymus and lung.
Subcellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.; [Isoform 3]: Secreted.
Expression	Detected in liver, skin, placenta, thymus and lung. Isoform 4 is predominantly expressed in brain. Overexpressed on candidate chronic myeloid leukemia (CML) stem cells, hematopoietic stem cells and mononuclear cells of patients with acute myeloid leukemia (AML). Overexpressed in patients with chronic obstructive pulmonary disease (COPD). Expressed in T-helper 1 (Th1) and T-helper 2 (Th2) cell subsets (PubMed:10653850).
Preparation and Storage	15°C to -25°C/1 year(Do not lower than -25°C)

IMAGES



WB (Western Blot)
Western Blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4 degree C over night.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1RAP antibody	Interleukin 1 induces synthesis of acute phase and proinflammatory proteins during infection, tissue damage, or stress, by forming a complex at the cell membrane with an interleukin 1 receptor and an accessory protein. This gene encodes the interleukin 1 receptor accessory protein. The protein is a necessary part of the interleukin 1 receptor complex which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in two transcript variants encoding two different isoforms, one membrane-bound and one soluble. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	268840214
NCBI GeneID	3556
NCBI Accession #	NP_001161400.1
NCBI GenBank Nucleotide #	NM_001167928.1
UniProt Accession #	Q9NPH3; O14915; Q86WJ7; B1NLD0; D3DNW0
Molecular Weight	65kDa
NCBI Official Full Name	interleukin-1 receptor accessory protein isoform 1
NCBI Official Synonym Full Names	interleukin 1 receptor accessory protein
NCBI Official Symbol	IL1RAP
NCBI Official Synonym Symbols	IL1R3; C3orf13; IL-1RAcP
NCBI Protein Information	interleukin-1 receptor accessory protein
UniProt Protein Name	Interleukin-1 receptor accessory protein
UniProt Gene Name	IL1RAP
UniProt Synonym Gene Names	C3orf13; IL1R3; IL-1 receptor accessory protein; IL-1RAcP; IL-1R-3; IL-1R3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.