

Rabbit anti-Human, Mouse IL1RL1 Polyclonal Antibody | anti-IL1RL1 antibody

IL1RL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323469	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

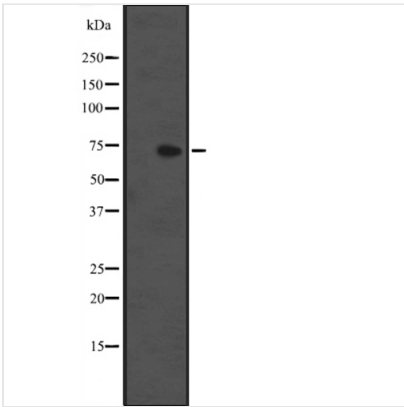
PRODUCT SYNONYMS

IL1RL1; Polyclonal Antibody; IL1RL1 Antibody; DER-4; DER4; FIT 1; Growth stimulation expressed; homolog of mouse growth stimulation-expressed; Il1rl1; IL33R; ILRL1_HUMAN; Interleukin 1 receptor like 1; interleukin 1 receptor related protein; Interleukin-1 receptor-like 1; Protein ST2; ST2; ST2L; ST2V; T1; T1 protein; anti-IL1RL1 antibody

PRODUCT SPECIFICATIONS

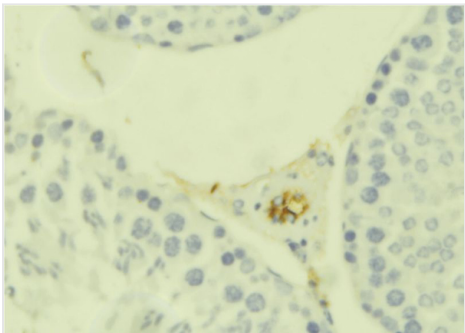
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IL1RL1 antibody detects endogenous levels of total IL1RL1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	211
Applicable Applications for anti-IL1RL1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted and Cell Membrane.
Tissue Specificity	Highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. Isoform A is prevalently expressed in the lung, testis, placenta, stomach and colon. Isoform B is more abundant in the brain, kidney and the liver. Isoform C is not detected in brain, heart, liver, kidney and skeletal muscle. Expressed on T-cells in fibrotic liver; at protein level. Overexpressed in fibrotic and cirrhotic liver.
Conjugation	Unconjugated

IMAGES



WB (Western Blot)

Western blot analysis of IL1RL1 expression in HEK293 cells. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323469 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-IL1RL1 antibody

Function: Receptor for interleukin-33 (IL-33); signaling requires association of the coreceptor IL1RAP. Its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function.

Subunit Structure: Interacts with MYD88, IRAK1, IRAK4, and TRAF6. Bound to its ligand IL-33, interacts with IL1RAP to form the minimal interleukin-33 signaling complex with a 1:1:1 stoichiometry. Interacts with KIT (bound to KITLG/SCF). A mast cell-specific KITLG/SCF-induced interleukin-33 signaling complex contains IL1RL1, IL1RAP, KIT and MYD88.

Similarity: Belongs to the interleukin-1 receptor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	538920367
NCBI GeneID	9173
NCBI Accession #	NP_001269337.1
NCBI GenBank Nucleotide #	NM_001282408.1
UniProt Accession #	Q01638; Q53TU7; Q8NEJ3; Q9ULV7; Q9UQ44; A8K6B3; B4E0I3
Molecular Weight	Observed: 70 kDa Predicted: 64 kDa
NCBI Official Full Name	interleukin-1 receptor-like 1 isoform 3
NCBI Official Synonym Full Names	interleukin 1 receptor like 1
NCBI Official Symbol	IL1RL1
NCBI Official Synonym Symbols	T1; ST2; DER4; ST2L; ST2V; FIT-1; IL33R
NCBI Protein Information	interleukin-1 receptor-like 1
UniProt Protein Name	Interleukin-1 receptor-like 1
UniProt Gene Name	IL1RL1
UniProt Synonym Gene Names	DER4; ST2; T1

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.

