Rabbit anti-Human CXCL11 Polyclonal Antibody | anti-CXCL11 antibody

CXCL11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328173	**Rabbit**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

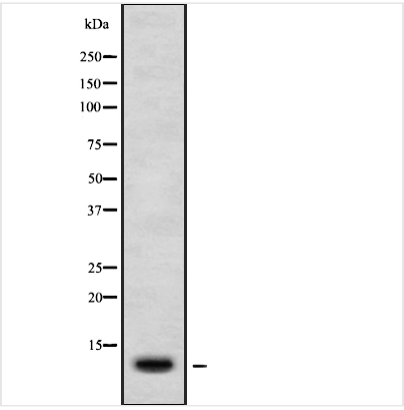
PRODUCT SYNONYMS

CXCL11; Polyclonal Antibody; CXCL11 Antibody; b R1; b-R1; Beta-R1; betaR1; C-X-C motif chemokine 11; Chemokine (C-X-C motif) ligand 11; Chemokine C-X-C motif ligand 11; CXC11; CXL11_HUMAN; H174; I TAC; I-TAC; Interferon gamma inducible protein 9; Interferon gamma-inducible protein 9; Interferon inducible T cell alpha chemoattractant; Interferon-inducible T-cell a chemoattractant I-TAC; Interferon-inducible T-cell alpha chemoattractant; IP 9; IP-9; IP9; ITAC; MGC102770; SCYB11; SCYB9B; Small inducible cytokine B11; Small inducible cytokine subfamily B (Cys-X-Cys) member 11; Small inducible cytokine subfamily B (Cys-X-Cys) member 9B; Small inducible cytokine subfamily B; member 11; member 9B; Small-inducible cytokine B11; anti-CXCL11 antibody

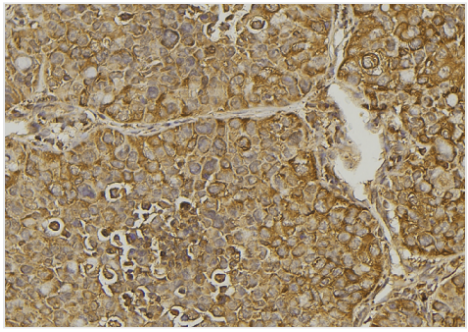
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CXCL11 antibody detects endogenous levels of total CXCL11
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	106
Applicable Applications for anti-CXCL11 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CXCL11
Subcellular Location	Secreted.
Tissue Specificity	High levels in peripheral blood leukocytes, pancreas and liver astrocytes. Moderate levels in thymus, spleen and lung. Low levels in placenta, prostate and small intestine. Also found in epidermal basal layer keratinocytes in skin disorders.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit**
Similarity	Pig (91%), Bovine (91%), Horse (100%), Sheep (100%), Rabbit (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of CXCL11 using HuvEc whole cell lysates



IHC (Immunohistochemistry)
AAA328173 at 1/100 staining Human pancreas 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-CXCL11 antibody	Function: Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses. Similarity: Belongs to the intercrine alpha (chemokine CxC) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	693074655
NCBI GeneID	6373
NCBI Accession #	NP_001289052.1
NCBI GenBank Nucleotide #	NM_001302123.1
UniProt Accession #	O14625; Q53YA3; Q92840
Molecular Weight	Observed: 10 kDa Predicted: 11 kDa
NCBI Official Full Name	C-X-C motif chemokine 11 isoform 2
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 11
NCBI Official Symbol	CXCL11
NCBI Official Synonym Symbols	IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B
NCBI Protein Information	C-X-C motif chemokine 11
UniProt Protein Name	C-X-C motif chemokine 11
UniProt Gene Name	**CXCL11**
UniProt Synonym Gene Names	ITAC; SCYB11; SCYB9B; IP-9; I-TAC

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/cxcl11-antibody-immunohistochemistry-western-blot-elisa/328173