

Rabbit anti-Human, Mouse CXCL12 Polyclonal Antibody | anti-CXCL12 antibody

CXCL12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40783	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CXCL12; Polyclonal Antibody; CXCL12 Antibody; IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12; SDF1A; SDF1B; Stromal cell-derived factor 1; C-X-C motif chemokine 12; SDF-1; chemokine (C-X-C motif) ligand 12; anti-CXCL12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CXCL12 antibody is human and mouse reactive. Multiple isoforms of CXCL12 are known to exist.
Purity/Purification	CXCL12 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	140
Applicable Applications for anti-CXCL12 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CXCL12 antibody was raised against a 16 amino acid peptide near the center of human CXCL12
Buffer	CXCL12 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CXCL12 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of CXCL12 in HeLa cells with CXCL12 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of CXCL12 in HeLa cell lysate with CXCL12 antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296011023
NCBI GeneID	6387
NCBI Accession #	NP_001171605

NCBI GenBank Nucleotide #	NM_001178134.1
UniProt Accession #	P48061 ; Q2L985 ; Q2L986 ; Q2L988 ; Q5IT36 ; Q6ICW0 ; Q9H554 ; B2R4G0 ; E7EVL0 ; H7BYN8
Molecular Weight	Predicted: 15 kDa
	Observed: 18 kDa
NCBI Official Full Name	stromal cell-derived factor 1 isoform delta
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12
NCBI Protein Information	stromal cell-derived factor 1; intercrine reduced in hepatomas; pre-B cell growth-stimulating factor
UniProt Protein Name	Stromal cell-derived factor 1
UniProt Gene Name	CXCL12
UniProt Synonym Gene Names	SDF1; SDF1A; SDF1B; SDF-1; hSDF-1; IRH; hIRH; PBSF
UniProt Entry Name	SDF1_HUMAN

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/cxcl12-antibody-immunocytochemistry-western-blot-elisa/40783>