

Rabbit anti-Human SDF1/CXCL12 Polyclonal Antibody | anti-SDF1/CXCL12 antibody

Anti-SDF1/CXCL12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162263	Rabbit	Human	Western Blot, Neutralization Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SDF1/CXCL12; Polyclonal Antibody; Anti-SDF1/CXCL12 Antibody; Rabbit Polyclonal to Human SDF1/CXCL12; CXCL12; C-X-C motif chemokine 12; HIRH; IRH; SDF-1; SDF-1b; SDF1A; SDF1B; TPAR1; TLSF-a; TLSF-b; SDF-1a; SDF1; Sdf1alpha; Stromal cell-derived factor 1; TLSF; HSDF-1; PBSF; SCYB12; anti-SDF1/CXCL12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human SDF-1alpha
Purity/Purification	Immunoaffinity Purified
Form/Format	Lyophilized from PBS, pH 7.2
Sequence Length	93
Applicable Applications for anti-SDF1/CXCL12 antibody	WB (Western Blot), NTRL (Neutralization Assay), IHC (Immunohistochemistry), ELISA
Immunogen	E Coli derived recombinant Human SDF-1alpha.
Conjugation	Unconjugated
Resuspension Liquid	Sterile water
Preparation and Storage	Store Lyophilized at room temperature up to 1 month. Reconstituted for up to two weeks at 2-8 degree C. Aliquot and freeze at -20 degree C for long term storage. Avoid freeze/thaw cycles.

IMAGES



ELISA

Sandwich ELISA of SDF-1/CXCL12 antibody



IHC (Immunohistochemistry)

Anti-CXCL12 antibody IHC of human kidney, tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SDF1/CXCL12 antibody	Chemoattractant active on T-lymphocytes, monocytes, but notneutrophils. Activates the C-X-C chemokine receptor CXCR4 to induce arapid and transient rise in the level of intracellular calcium ions and chemotaxis. Also binds to atypical chemokine receptor ACKR3, whichactivates the beta-arrestin pathway and acts as a scavenger receptor forSDF-1. SDF-1-beta(3-72) and SDF-1-alpha(3-67) show a reducedchemotactic activity.
Product Categories/Family for anti-SDF1/CXCL12 antibody	Interocrine; Interocrine alpha

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834988
NCBI GeneID	6387
NCBI Accession #	NP_000600.1
NCBI GenBank Nucleotide #	NM_000609.6
UniProt Accession #	P48061; Q2L985; Q2L986; Q2L988; Q5IT36; Q6ICW0; Q9H554; B2R4G0; E7EVL0; H7BYN8
Molecular Weight	11,004 Da
NCBI Official Full Name	stromal cell-derived factor 1 isoform beta
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12
NCBI Protein Information	stromal cell-derived factor 1
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sdf1-cxcl12-antibody-western-blot-neutralization-assay-immunohistochemistry-elisa/162263>