

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

CXCL12/SDF1 Polyclonal Antibody

CATALOG # AAA178654	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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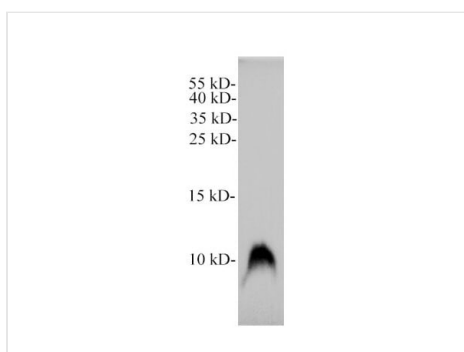
PRODUCT SYNONYMS

CXCL12/SDF1; Polyclonal Antibody; CXCL12/SDF1 Polyclonal Antibody; Cxcl12; SDF-1; anti-CXCL12/SDF1 antibody

PRODUCT SPECIFICATIONS

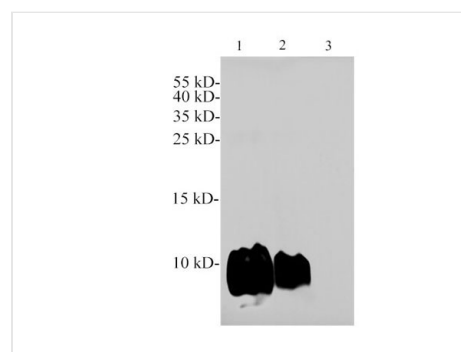
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CXCL12/SDF1 antibody	WB (Western Blot)
Immunogen	Recombinant Rat CXCL12 protein expressed by E coli.
Research Area	Immunology, Microbiology, Cardiovascular
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot of Rat testis with CXCL4 polyclonal antibody at 1:1000 dilution.



WB (Western Blot)

Western blotting with anti-CXCL12 polyclonal antibody at dilution of 1:2000. Lane 1: THP-1 cell lysate, lane 2: Raw264.7 cell lysate, lane 3: K562 cell lysate for negative control.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCL12/SDF1 antibody	The stromal cell derived factor 1 (SDF1/CXCL12) is small, pro-inflammatory chemoattractant cytokine that regulates leukocyte trafficking through interactions with its cognate 7-transmembrane G protein-coupled receptors. The SDF1/CXCL12 receptor, CXCR4, also serves as a coreceptor for the entry of human immunodeficiency virus into target cells. SDF1/CXCL12 may regulate homing and maintenance of CXCR4-expressing stem or progenitor cells, including embryonic and many somatic stem cells. Many cancer cells express CXCR4, suggesting that SDF1/CXCL12 plays a role in cancer metastasis. Alternative splicing and differential processing during maturation produce a pair of SDF1/CXCL12 isoforms (SDF1/CXCL12alpha and SDF1/CXCL12beta) that have different properties and biological activities. Additional isoforms of SDF1/CXCL12 have been reported.
Product Categories/Family for anti-CXCL12/SDF1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	11559933
NCBI GeneID	24772
NCBI Accession #	NP_071513.1
NCBI GenBank Nucleotide #	NM_022177.3
UniProt Accession #	Q9QZD1
Molecular Weight	9,977 Da
NCBI Official Full Name	stromal cell-derived factor 1 isoform alpha
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 12
NCBI Official Symbol	Cxcl12
NCBI Official Synonym Symbols	Sdf1
NCBI Protein Information	stromal cell-derived factor 1; SDF-1 gamma; chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1); stromal cell-derived factor-1 gamma
UniProt Protein Name	Chemokine (C-X-C motif) ligand 12 (Stromal cell-derived factor 1)
UniProt Gene Name	Cxcl12
UniProt Entry Name	Q9QZD1_RAT

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-sdf1-antibody-western-blot-elisa/178654>