

Goat SDF1 alpha Polyclonal Antibody | anti-SDF1 alpha antibody

SDF1 alpha antibody

CATALOG # AAA74913	HOST Goat	REACTIVITY Murine SDF1-alpha	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

SDF1 alpha; Polyclonal Antibody; SDF1 alpha antibody; Polyclonal SDF1 alpha; Anti-SDF1 alpha; CXCL12; SDF-1 alpha; PBSF; Stromal-Cell Derived Factor-1; anti-SDF1 alpha antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Murine SDF1-alpha
Clonality	Polyclonal
Specificity	Murine SDF1-alpha
Form/Format	Lyophilized from 0.5x PBS, pH 7.4. Reconstitute in sterile water to a concentration of > 0.2 mg/ml.
Sequence Length	89
Applicable Applications for anti-SDF1 alpha antibody	WB (Western Blot), IA (Inhibition Assay), ELISA
Biological Significance	SDF-1 alpha and beta are stromal derived CXC chemokines, and signal through the CXCR4 receptor. SDF-1alpha and beta chemoattract B and T cells, and have been shown to induce migration of CD34+ stem cells. Additionally, the SDF-1 proteins exert HIV suppressive activity in cells expressing the CXCR4 receptor.
Immunogen	SDF1 alpha antibody was raised in goat using highly pure recombinant murine SDF-1alpha as the immunogen.
Preparation and Storage	Store at -20 degree C until reconstitution. Following reconstitution product may be stored at 4 degree C in the short term. For long term storage aliquot and freeze at -20 degree C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-SDF1 alpha antibody	Affinity purified Goat polyclonal SDF1 alpha antibody
Product Categories/Family for anti-SDF1 alpha antibody	Cytokines & Growth Factors ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	12025676
NCBI GeneID	20315
NCBI Accession #	NP_068350.1
NCBI GenBank Nucleotide #	NM_021704.3
UniProt Accession #	P40224 ; Q4FJL5 ; Q543V6
Molecular Weight	7.9 kDa (predicted detection band MW)
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	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; SDF-1; TPAR1; PBSF; TLSF
UniProt Entry Name	SDF1_MOUSE

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://www.aaabiotech.com/polyclonal/sdf1-alpha-antibody-western-blot-inhibition-assay-elisa/74913>