

Datasheet for ABIN7431119
anti-CXCL12 antibody (AA 22-89)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CXCL12
Binding Specificity:	AA 22-89
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Stromal Cell Derived Factor 1 (SDF1)
Immunogen:	Recombinant Stromal Cell Derived Factor 1 (SDF1) corresponding to Lys22~Lys89 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SDF1. It has been selected for its ability to recognize SDF1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

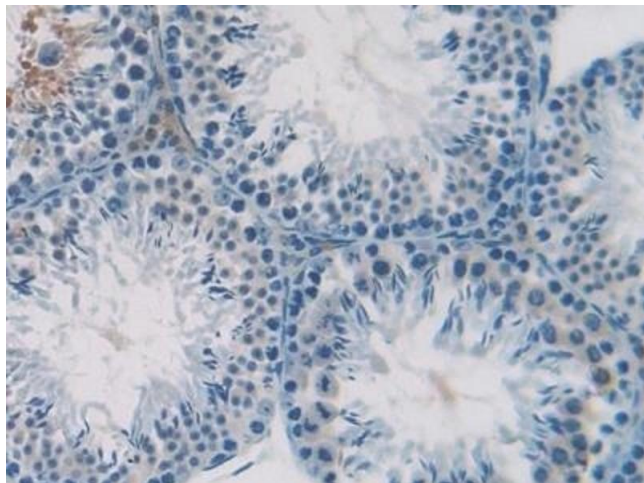
Target:	CXCL12
Alternative Name:	Stromal Cell Derived Factor 1 (CXCL12 Products)
Background:	CXCL12, PBSF, P-BSF, SCYB12, SDF1-A, SDF1-B, SDF1A, SDF1B, TLSF-A, TLSF-B, TPAR1, Pre-B Cell Growth-Stimulating Factor, Chemokine C-X-C-Motif Ligand 12
Pathways:	Regulation of Cell Size , CXCR4-mediated Signaling Events , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

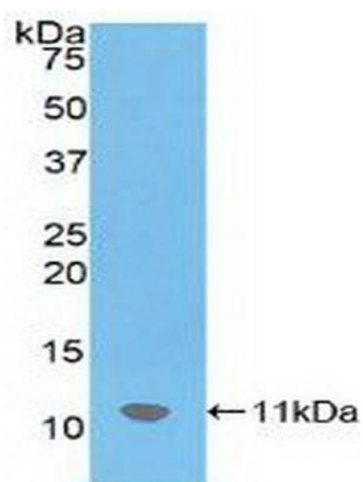
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



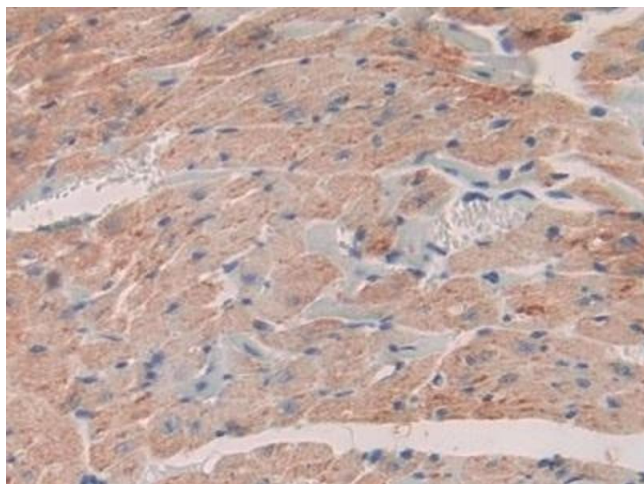
Immunohistochemistry

Image 1. Detection of SDF1 in Mouse Testis Tissue using Polyclonal Antibody to Stromal Cell Derived Factor 1 (SDF1)



Western Blotting

Image 2. Detection of Recombinant SDF1, Mouse using Polyclonal Antibody to Stromal Cell Derived Factor 1 (SDF1)



Immunohistochemistry

Image 3. Detection of SDF1 in Mouse Heart Tissue using Polyclonal Antibody to Stromal Cell Derived Factor 1 (SDF1)