

Datasheet for ABIN289544 **anti-CXCL12 antibody**



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Overview

Quantity:	50 µg
Target:	CXCL12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Blocking Antibody (Inhibition)

Product Details

Immunogen:	SDF1 alpha antibody was raised in rabbit using highly pure recombinant human SDF-1-alpha as the immunogen.
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	CXCL12
Alternative Name:	SDF1 alpha (CXCL12 Products)
Background:	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.

Target Details

Molecular Weight:	7.9 kDa (predicted detection band MW)
Pathways:	Regulation of Cell Size , CXCR4-mediated Signaling Events , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	ELISA: 0.5-2 µg/mL, Inhibition: 2-4 µg/mL, WB: 0.1-0.2 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile water to a concentration of > 0.2 mg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized from 0.5 x PBS, pH 7.4.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.