



Anti-CXCL16 polyclonal antibody (DPABY-291)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	CXC chemokine ligand 16 (CXCL16) is a type I membrane protein that has a non-ELR CXC chemokine domain in its extracellular region. Fractalkine (CX3CL1) and CXCL16 constitute the only two transmembrane chemokines. Mouse and human CXCL16 share 70% amino acid sequence similarity within their chemokine domains and 49% overall amino acid sequence identity.
Specificity	Detects human CXCL16 in ELISAs and Western blots. In ELISAs, less than 0.05% cross-reactivity with recombinant mouse (rm) CXCL16, rm6Ckine, recombinant human (rh) BLC, rhCTACK, rhIL-8, rhPF4, and rhLymphotactin is observed.
Immunogen	E. coli-derived recombinant human CXCL16. Asn49-Pro137 Accession Number NP_071342
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	CXCL16 chemokine (C-X-C motif) ligand 16 [Homo sapiens (human)]
Official Symbol	CXCL16
Synonyms	CXCL16; chemokine (C-X-C motif) ligand 16; SRPSOX; CXCLG16; SR-PSOX; C-X-C motif chemokine 16; CXC chemokine ligand 16; small-inducible cytokine B16; transmembrane chemokine CXCL16; scavenger receptor for phosphatidylserine and oxidized low density lipopr
Entrez Gene ID	58191
Protein Refseq	NP_001094282
UniProt ID	Q9H2A7
Chromosome Location	17p13
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; Peptide ligand-binding receptors
Function	chemokine activity; low-density lipoprotein receptor activity; receptor binding; scavenger receptor activity;