



# Anti-CXCL16 polyclonal antibody [Biotin] (DPABY-558)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Detects human CXCL16 in ELISAs and Western blots. In Sandwich ELISAs, less than 0.05% cross-reactivity with recombinant mouse (rm) CXCL16, rm6Ckine, recombinant human (rh) BLC, rhCTACK, rhIL-8, rhPF4, and rhLymphotoxin is observed.
<b>Immunogen</b>	E. coli-derived recombinant human CXCL16. Asn49-Pro137 Accession Number NP_071342
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None

<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">CXCL16 chemokine (C-X-C motif) ligand 16 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CXCL16
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">58191</a>
<b>Protein Refseq</b>	<a href="#">NP_001094282</a>
<b>UniProt ID</b>	<a href="#">Q9H2A7</a>
<b>Chromosome Location</b>	17p13
<b>Pathway</b>	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
<b>Function</b>	chemokine activity; low-density lipoprotein receptor activity; receptor binding; scavenger receptor activity;