

Product datasheet for PP1204B1

CXCL16 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<p>Direct ELISA: To detect Human CXCL16 by indirect ELISA (using 100 µl/well antibody solution) a concentration of ~1 µg/ml of this antibody is required. This Biotinylated antibody, allows the detection of 0.2-0.4 ng/well of recombinant Human CXCL16.</p> <p>Sandwich ELISA: To detect Human CXCL16 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotinylated antibody, in conjunction with Affinity purified anti-Human CXCL16 antibody (Cat.-No PP1204P1 or PP1204P2) as a Capture antibody, allows the detection of 0.2-0.4 ng/well of recombinant Human CXCL16.</p> <p>Western Blot: To detect Human CXCL16 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. The detection limit for recombinant Human CXCL16 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p>
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) <i>E.coli</i> derived recombinant Human CXCL16 (Cat.-No AR31138PU).
Specificity:	This antibody recognizes Human CXCL16. Other species not tested.
Formulation:	<p>PBS, pH 7.4 without preservatives.</p> <p>Label: Biotin</p> <p>State: Lyophilized (sterile filtered) purified Ig fraction.</p>
Reconstitution Method:	Restore in sterile PBS solution containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography.
Conjugation:	Biotin
Storage:	<p>Store lyophilized at 2-8°C for 6 months or at -20°C long term.</p> <p>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.



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Gene Name: C-X-C motif chemokine ligand 16

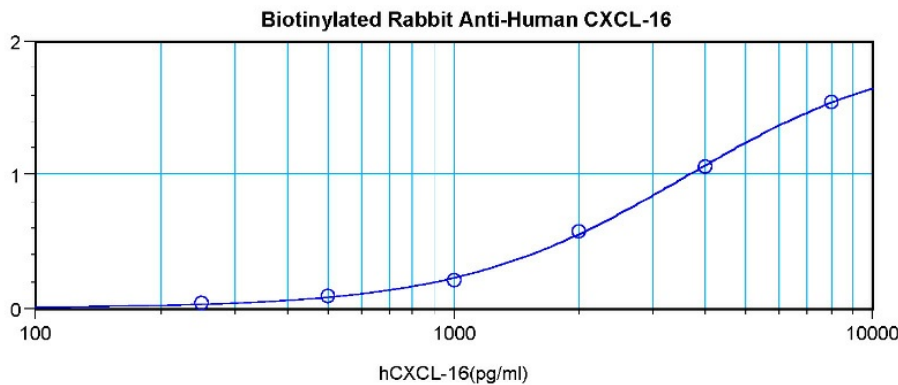
Database Link: [Entrez Gene 58191 Human Q9H2A7](#)

Background: CXCL16 acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. It is a type I membrane protein (Potential). Also exists as a soluble form. Expressed in spleen, lymph nodes, lung, kidney, small intestine and thymus. Weak expression in heart and liver and no expression in brain and bone marrow.

Synonyms: C-X-C motif chemokine 16, Small-inducible cytokine B16, SR-PSOX, SCYB16, SRPSOX

Note: Centrifuge vial prior to opening!

Product images:



Direct ELISA using CXCL16 Antibody Cat.-No [PP1204B]