

ARG56675 anti-CXCL16 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CXCL16
Tested Reactivity	Hu, Ms
Tested Application	ELISA, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCL16
Species	Mouse
Immunogen	E.coli derived Recombinant Mouse CXCL16. (NQGSVAGSCS CDRTISSGTQ IPQGTLDHIR KYLKAFHRCP FFIRFQLQSK SVCGGSQDQW VRELVDCKER KECGTGHGKS FHHQKHL P)
Conjugation	Un-conjugated
Alternate Names	Transmembrane chemokine CXCL16; CXCLG16; C-X-C motif chemokine 16; SRPSOX; Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX; Small-inducible cytokine B16

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56785 as a detection antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 58191 Human](#)

[GeneID: 66102 Mouse](#)

[Swiss-port # Q8BSU2 Mouse](#)

[Swiss-port # Q9H2A7 Human](#)

Gene Symbol

Cxcl16

Gene Full Name

chemokine (C-X-C motif) ligand 16

Function

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. [UniProt]

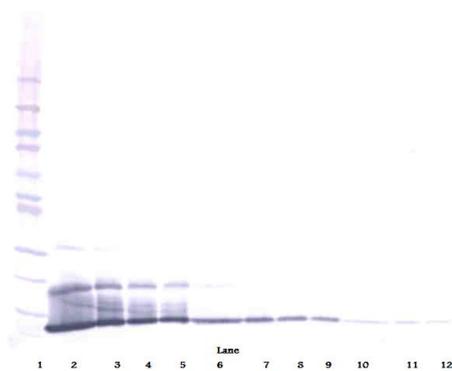
Calculated Mw

28 kDa

PTM

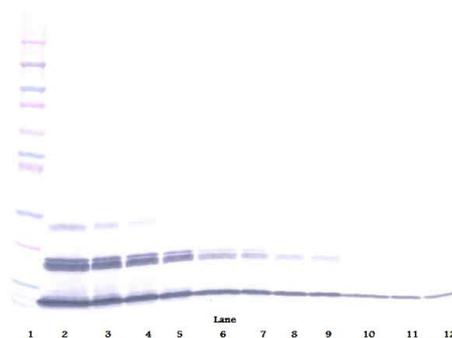
Glycosylated.

Images



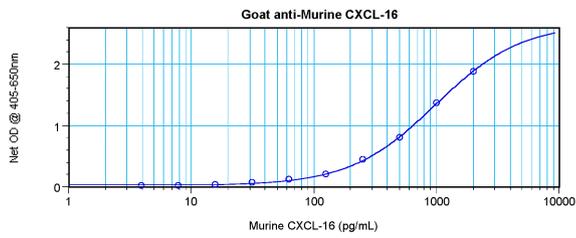
ARG56675 anti-CXCL16 antibody WB image

Western blot: 250 - 0.24 ng of Mouse CXCL16 stained with ARG56675 anti-CXCL16 antibody, under reducing conditions.



ARG56675 anti-CXCL16 antibody WB image

Western blot: 250 - 0.24 ng of Mouse CXCL16 stained with ARG56675 anti-CXCL16 antibody, under non-reducing conditions.



ARG56675 anti-CXCL16 antibody standard curve image

Sandwich ELISA: ARG56675 anti-CXCL16 antibody as a capture antibody at 0.5 - 2.0 $\mu\text{g}/\text{ml}$ combined with ARG56785 anti-CXCL16 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.