

CXCL16 Antibody

Catalog No: #43729

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

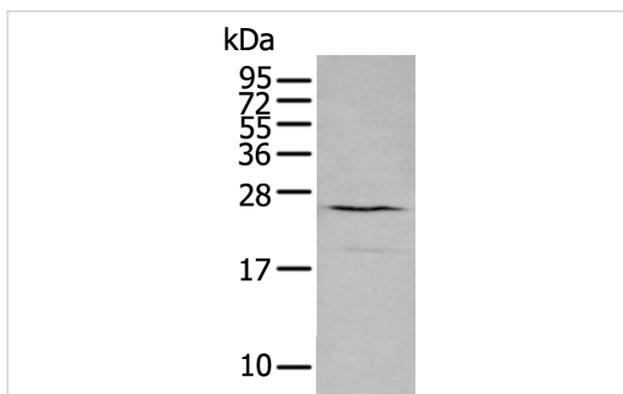
Description

Product Name	CXCL16 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CXCL16 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CXCL16
Target Name	CXCL16
Other Names	SRPSOX; CXCLG16; SR-PSOX
Accession No.	Swiss-Prot#: Q9H2A7NCBI Gene ID: 58191
Uniprot	Q9H2A7
GeneID	58191;
Calculated MW	28kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Images



Gel: 12%SDS-PAGE

Lysate: 40 µg, Lane: Human fetal liver tissue lysate,

Primary antibody: CXCL16 antibody at dilution 1/350 dilution,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 20 seconds

Background

CXCL16, also known as SR-PSOX (scavenger receptor for phosphatidylserine and oxidized lipoprotein), binds to CXCR6/Bonzo/ STRL33, induces a strong chemotactic response and induces calcium mobilization. CXCL16, an alpha (CXC) chemokine, also has characteristics of CC chemokines and

a structure similar to fractalkine (neurotactin) in having a transmembrane region and a chemokine domain suspended by a mucin-like stalk. Northern blot analysis of mouse and human tissues detect a 2.2-kb CXCL16 transcript in spleen, lymph nodes, Peyer patches, lung, kidney, small intestine, and thymus, with weak expression in heart and liver and no expression in brain and bone marrow. Flow cytometry and Western blot analysis demonstrate expression of a glycosylated cell-surface protein and a cell supernatant soluble protein.

Note: This product is for in vitro research use only