

CX3CL1 Polyclonal Antibody

Catalog number: 10108-2-AP

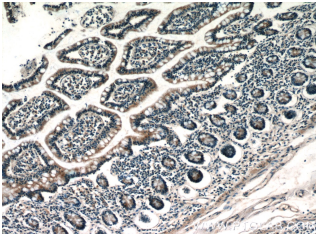
Size: 22 µg/150 µl

Source: Rabbit

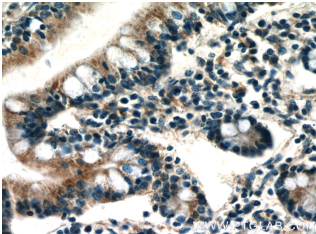
Isotype: IgG

Synonyms:

CX3CL1; ABCD 3, C X3 C motif chemokine 1, C3Xkine, CX3CL1, CXC3, CXC3C, FKN, fractalkine, neurotactin, NTN, NTT, SCYD1, Small inducible cytokine D1



Immunohistochemistry of paraffin-embedded human small intestine slide using 10108-2-AP(CX3CL1 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human small intestine slide using 10108-2-AP(CX3CL1 Antibody) at dilution of 1:50 (under 40x lens)



PC-3 cells were subjected to SDS PAGE followed by western blot with 10108-2-AP(CX3CL1 antibody) at dilution of 1:1000

Background

Chemokines direct the trafficking of white blood cells in immune surveillance, playing a key role in inflammatory and infectious diseases such as AIDS. The human CX3C chemokine carries the chemokine domain on top of an extended mucin-like stalk. CX3CL1 is synthesized as a 50-75kDa precursor and undergoes glycosylation to yield two mature forms: a 100kDa cell membrane bound form and an 85kDa soluble form which is released from the cell surface. The soluble CX3C chemokine has potent chemoattractant activity for T cells and monocytes, and the cell-surface-bound protein, which is induced by primary proinflammatory signals in activated primary endothelial cells, promotes strong adhesion of those leukocytes.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated CX3CL1 MW:	42 kDa, 47-55 kDa, 95 kDa
Observed CX3CL1 MW:	90-100 kDa
Positive WB detected in	PC-3 cells, human brain tissue
Positive IHC detected in	Human small intestine tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0161
GenBank accession number:	BC001163
Gene ID (NCBI):	6376
Full name:	Chemokine (C-X3-C motif) ligand 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.