

Rabbit anti-Human Fractalkine Polyclonal Antibody | anti-CX3CL1 antibody

Anti-Fractalkine Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255044	Rabbit	Human	Immunohistochemistry, ELISA

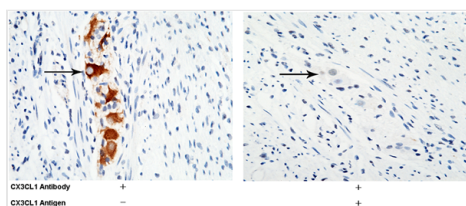
PRODUCT SYNONYMS

Fractalkine; Polyclonal Antibody; Anti-Fractalkine Antibody; Rabbit Polyclonal; Fractalkine/CX3CL1 Antibody; Rabbit PAb; Antigen Affinity Purified; chemokine (C-X3-C motif) ligand 1; Anti-ABCD-3 Antibody; Anti-C3Xkine Antibody; Anti-CXC3 Antibody; Anti-CXC3C Antibody; Anti-fractalkine Antibody; Anti-neurotactin Antibody; Anti-NTN Antibody; Anti-NTT Antibody; Anti-SCYD1 Antibody; anti-CX3CL1 antibody

PRODUCT SPECIFICATIONS

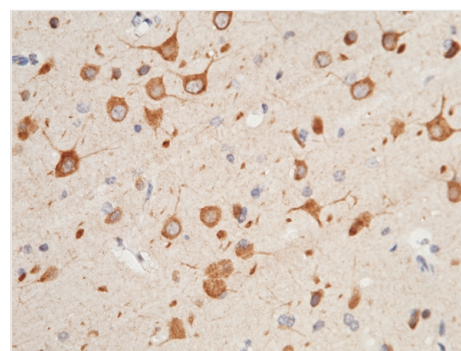
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CX3CL1/FKN
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CX3CL1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CX3CL1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CX3CL1 extracellular domain (rhCX3CL1). CX3CL1 specific IgG was purified by human CX3CL1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



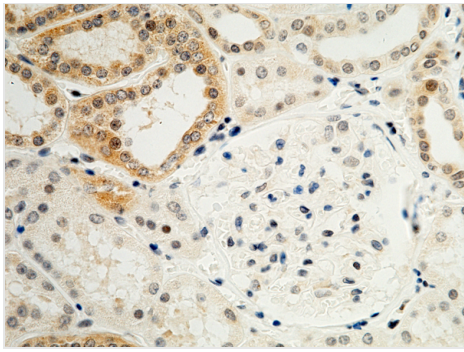
IHC (Immunohistochemistry)

Immunochemical staining of human CX3CL1 in human appendix with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections). Positive staining was localized to neuron in myenteric nervous plexus. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).



IHC (Immunohistochemistry)

Immunochemical staining of human CX3CL1 in human brain with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections). Positive staining was localized to neuron.



IHC (Immunohistochemistry)
 Immunochemical staining of human CX3CL1 in human kidney with rabbit polyclonal antibody
 (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CX3CL1 antibody	Fractalkine or Chemokine (C-X3-C motif) ligand 1 (CX3CL1) is a member of the CX3C chemokine family. Fractalkine/CX3CL1 is a unique chemokine that functions not only as a chemoattractant but also as an adhesion molecule and is expressed on endothelial cells activated by proinflammatory cytokines, such as interferon-gamma and tumor necrosis factor-alpha. Fractalkine/CX3CL1 is expressed in a membrane-bound form on activated endothelial cells and mediates attachment and firm adhesion of T cells, monocytes and NK cells. Fractalkine/CX3CL1 is associated with dendritic cells (DC) in epidermis and lymphoid organs. The fractalkine receptor, CX3CR1, is expressed on cytotoxic effector lymphocytes, including natural killer (NK) cells and cytotoxic T lymphocytes, which contain high levels of intracellular perforin and granzyme B, and on macrophages. Soluble fractalkine causes migration of NK cells, cytotoxic T lymphocytes, and macrophages, whereas the membrane-bound form captures and enhances the subsequent migration of these cells in response to secondary stimulation with other chemokines.
Product Categories/Family for anti-CX3CL1 antibody	Neuroinflammation
References	Imai T, et al. (1997) Identification and molecular characterization of fractalkine receptor CX3CR1, which mediates both leukocyte migration and adhesion. Cell. 91(4): 521-30. Papadopoulos EJ, et al. (1999) Fractalkine, a CX3C chemokine, is expressed by dendritic cells and is up-regulated upon dendritic cell maturation. Eur J Immunol. 29 (8): 2551-9. Umehara H, et al. (2004) Fractalkine in vascular biology: from basic research to clinical disease". Arterioscler. Thromb Vasc Biol. 24 (1): 34-40.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506857
NCBI GeneID	6376
NCBI Accession #	NP_002987.1
NCBI GenBank Nucleotide #	NP_002987.1
UniProt Accession #	P78423
NCBI Official Full Name	fractalkine isoform 1
NCBI Official Synonym Full Names	C-X3-C motif chemokine ligand 1
NCBI Official Symbol	CX3CL1
NCBI Official Synonym Symbols	NTN; NTT; CX3C; CX3C3; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin
NCBI Protein Information	fractalkine
UniProt Protein Name	Fractalkine
UniProt Gene Name	CX3CL1
UniProt Synonym Gene Names	FKN; NTT; SCYD1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/fractalkine-antibody-immunohistochemistry-elisa/255044>