

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

Fractalkine Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA296232</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

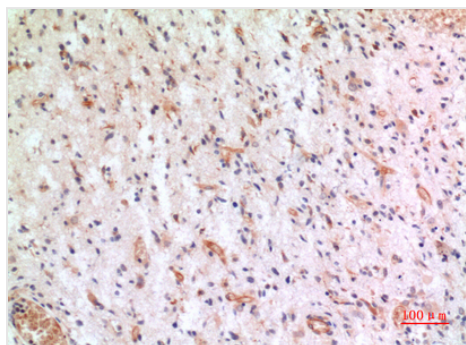
### PRODUCT SYNONYMS

Fractalkine; Polyclonal Antibody; Fractalkine Polyclonal Antibody; CX3CL1; FKN; NTT; SCYD1; A-152E5.2; C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; Neurotactin; Small-inducible cytokine D1; anti-CX3CL1 antibody

### PRODUCT SPECIFICATIONS

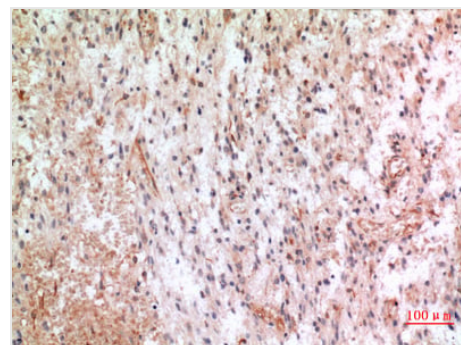
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human                                                                                                                                                 |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-CX3CL1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Notes                                            | ECO:0000303 PubMed:9024663                                                                                                                            |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



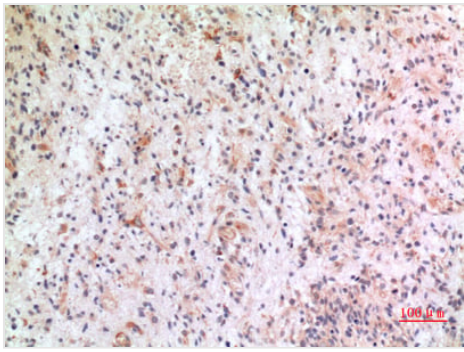
**IHC (Immunohistochemistry)**

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.



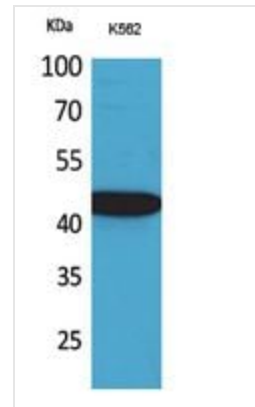
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Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.



#### IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.



#### WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

## ADDITIONAL INFORMATION

### Related Product Information for anti-CX3CL1 antibody

Acts as a ligand for both CX3CR1 and integrins. Binds to CX3CR1 (PubMed:9931005, PubMed:21829356). Binds to integrins ITGAV: ITGB3 and ITGA4: ITGB1. Can activate integrins in both a CX3CR1-dependent and CX3CR1-independent manner. In the presence of CX3CR1, activates integrins by binding to the classical ligand-binding site (site 1) in integrins. In the absence of CX3CR1, binds to a second site (site 2) in integrins which is distinct from site 1 and enhances the binding of other integrin ligands to site 1 (PubMed:24789099). The soluble form is chemotactic for T-cells and monocytes and not for neutrophils. The membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium (PubMed:9177350).

## 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; CXC3; CXC3C; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin |
| NCBI Protein Information         | fractalkine                                                             |
| UniProt Protein Name             | Fractalkine                                                             |
| UniProt Gene Name                | <b>CX3CL1</b>                                                           |
| UniProt Synonym Gene Names       | FKN; NTT; SCYD1                                                         |
| UniProt Entry Name               | X3CL1_HUMAN                                                             |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fractalkine-antibody-immunohistochemistry-western-blot-elisa/296232>