CX3CL1 polyclonal antibody

Catalog: BS60619 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Chemokines are members of a superfamily of inducible, secreted, proinflammatory cytokines. Members of the chemokine family exhibit 20-50%
homology in their predicted amino acid sequences and are divided into four
subfamilies. In the subfamily designated C-C or β, the first two cysteines are
adjacent. In the C-X-C or a subfamily, the first two of four cysteine residues
are separated by a single amino acid. C subfamily members, also designated
γ chemokines, lack the first and third cysteine residues of the conserved
motif. Chemokines in these three subfamilies are small, secreted proteins
with molecular weights ranging from 7-15 kDa. Fractalkine, also designated
neurotactin, is the first characterized member of a fourth chemokine subfamily.
Fractalkine contains a novel C-X3-C motif in which the first two cysteines
are separated by three amino acid residues. Fractalkine mRNA has been
detected in brain and heart and is upregulated in microglia and endothelial
cells by inflammatory signals. The protein can exist both as a membranebound
form and as a chemotactic soluble form.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 42 kDa

Swiss-Prot:

P78423

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

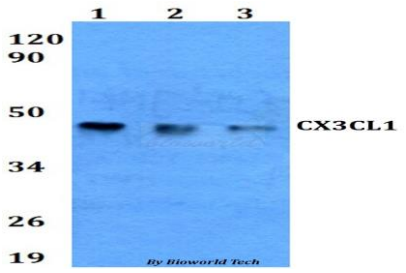
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

CX3CL1 polyclonal antibody detects endogenous levels of CX3CL1 protein.

DATA:



Western blot (WB) analysis of CX3CL1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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