

Anti-Fractalkine CX3CL1 Antibody

Catalog Number: PA1401

About Cx3cl1

Chemokine (C-X3-C motif) ligand 1, also known as CX3CL1, is a large cytokine protein. It is said to be the only known member of the CX3C chemokine family. It is also commonly known under the names fractalkine (in humans) and neurotactin (in mice). Its gene is mapped to the long arm of chromosome 8. Being the large protein, it has got 373 amino acids. Imai et al. (1997) identified a 7-transmembrane high-affinity receptor (CX3CR1; 601470) for fractalkine and showed that it mediates both the adhesive and migratory functions of fractalkine.

Overview

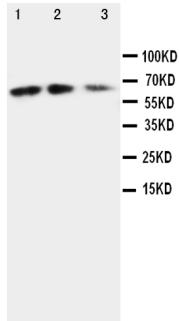
Product Name	Anti-Fractalkine CX3CL1 Antibody
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-Fractalkine CX3CL1 Antibody catalog # PA1401. Tested in IHC, WB applications. This antibody reacts with Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O35188

Technical Details

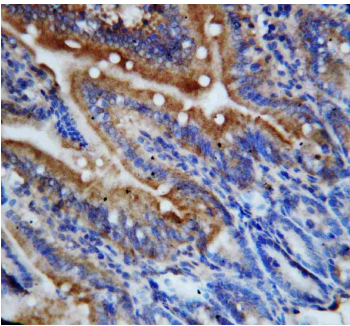
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse CX3CL1, identical to the related rat sequence.
Predicted Reactive Species	Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Mouse, Rat, By Heat</p> <p>Immunohistochemistry (Frozen Section), 0.5-1ug/ml, Mouse, Rat, -</p> <p>Western blot, 0.1-0.5ug/ml, Mouse, Rat</p>

Anti-Fractalkine CX3CL1 Antibody (PA1401) Images



Anti-CX3CL1 antibody, PA1401, Western blotting
Lane 1: Recombinant Mouse Fractalkin Protein 10ng
Lane 2: Recombinant Mouse Fractalkin Protein 5ng
Lane 3: Recombinant Mouse Fractalkin Protein 2.5ng



Anti-CX3CL1 antibody, PA1401, IHC(P)
IHC(P): Rat Intestine Tissue

1 Publications Citing This Product

1. PubMed ID: -, Yamada,S.,Miyoshi,S.,Nishio,J.,Mizutani,S.,Yamada,Z.,Kusunoki,N.,Sato,H.,Kuboi,Y.,Hoshino-Negishi,K.,Ishii,N.,Imai,T.,Mikami,T.,Nakano,H.,Kawai,S.,& Nanki,T.(2020).Effects of CX3CL1 inhibition on murine bleomycin-induced interstitial pneumonia.European Jo

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