

Product datasheet for **BP4006**

CX3CL1 Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: 1 µg/ml (1/200). Lower working concentration combined with longer incubation time (e.g. > 2 hours at RT) and choice of blocking reagent and secondary antibody may improve your results. Recommended Positive Control: Rat brain.
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Immunogen:	Synthetic C-terminal peptide coupled to carrier protein. The immunizing sequence is > 90% identical with the corresponding mouse and rat sequences.
Specificity:	The antibody reacts with Fractalkine.
Formulation:	PBS, pH 7.2 State: Aff - Purified State: Lyophilized purified IgY fraction Preservative: 0.01% Sodium Azide
Reconstitution Method:	Restore with 0.5 ml distilled water to make stock solution.
Concentration:	0.2 mg/ml (after reconstitution)
Purification:	Affinity Chromatography against peptide coupled to Sepharose
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X3-C motif chemokine ligand 1



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Database Link: [Entrez Gene 6376 Human P78423](#)

Background: Fractalkine is a chemokine present in endothelial cells from several tissues, including brain, liver, and kidney. A high level of fractalkine has also been described in neurons from different regions of the mouse brain. It is the only member of the CX(3)C class of chemokines. Fractalkine contains a chemokine domain (CDF) attached to a membran spanning domain via a mucin-like stalk. However, fractalkine can also be proteolytically cleaved from its membrane-spanning domain to release a freely diffusible form. Fractalkine attracts and immobilizes leukocytes by binding to its receptor, CX(3)CR(1).

Synonyms: Neurotactin, FKN, NTT, SCYD1