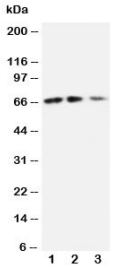
CX3CL1 Antibody (R30472)

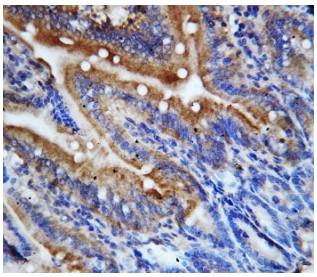
Catalog No.	Formulation	Size
R30472	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O35188
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml IHC (Frozen): 0.5-1ug/ml
Limitations	This CX3CL1 antibody is available for research use only.



Western blot testing of CX3CL1 antibody and Lane 1: recombinant mouse protein 10ng; 2: 5ng; 3: 2.5ng



IHC-P: CX3CL1 antibody testing of rat intestine tissue

Description

Chemokine(C-X3-C motif) ligand 1 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CX3CL1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of mouse CX3CL1 (CADPKEKWVQDAMKHLDHQ) was used as the immunogen for this CX3CL1 antibody (100% rat homology).

Storage

After reconstitution, the CX3CL1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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