CX3CL1 Polyclonal Antibody

Catalog Number: E-AB-93111



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse, Rat

Immunogen Recombinant fusion protein of human CX3CL1

Host Rabbit
Isotype IgG

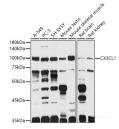
Purification Affinity purification
Conjugation Unconjugated

Formulation PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Applications Recommended Dilution

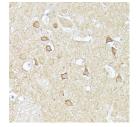
WB 1:200-1:2000 IHC 1:50-1:200 IF 1:50-1:200

Data



Western blot analysis of extracts of various cell lines using CX3CL1 Polyclonal Antibody at 1:1000 dilution.

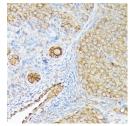
Observed Mw:100KDa Calculated Mw:42kDa



Immunohistochemistry of paraffin-embedded human brain using CX3CL1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse testis using CX3CL1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat ovary using CX3CL1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

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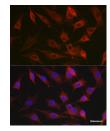
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Immunohistochemistry of paraffin-embedded rat spleen using CX3CL1 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH-3T3 cells using CX3CL1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage

Store at -20°C. Avoid freeze/thaw cycles.

Background

This gene belongs to the CX3C subgroup of chemokines, characterized by the number of amino acids located between the conserved cysteine residues. This is the only member of the CX3C subgroup, which contains three amino acids between cysteine residues, resulting in a Cys-X-X-Cys configuration. The encoded protein contains an extended mucin-like stalk with a chemokine domain on top, and exists in both a membrane-anchored form where it acts as a binding molecule, or, in soluble form, as a chemotactic cytokine. The mature form of this protein can be cleaved at the cell surface, yielding different soluble forms that can interact with the G-protein coupled receptor, C-X3-C motif chemokine receptor 1 gene product. This gene plays a role in a wide range of diseases, including cancer, vasculitis, neuropathies, atherosclerosis, inflammatory diseases, and in human immunodeficiency virus infections.

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