

Rabbit anti-Mouse, Rat CX3CR1 Polyclonal Antibody | anti-CX3CR1 antibody

RABBIT ANTI HUMAN CX3CR1 (N-TERMINAL)

CATALOG # AAA50031	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CX3CR1; Polyclonal Antibody; RABBIT ANTI HUMAN CX3CR1 (N-TERMINAL); anti-CX3CR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises an epitope within the N-terminal region (NT) of Human CX3CR1, a 40.4kDa seven trans-membrane protein. CX3CR1, known also as fractalkine receptor, is the receptor for CX3CL1 and acts as a co-receptor with CD4 for the HIV-1 envelope protein. It is expressed in a variety of human tissues and mediates leucocyte adhesion and migration.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	355
Applicable Applications for anti-CX3CR1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to amino acids 2 - 21 of human CX3CR1. Histology Positive Control Tissue
Antiserum Preparation	Antiserum to human CX3CR1 (NT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Immunohistochemical staining of human heart tissue with Rabbit anti Human CX3CR1



Application Data

Western blot analysis of human spleen lysate probed with Rabbit anti Human CX3CR1 (AAA50031) either in the absence (1) or presence (2) of blocking peptide

ADDITIONAL INFORMATION

Related Product Information for anti-CX3CR1 antibody	MBS223328 recognises an epiptope within the N-terminal region (NT) of Human CX3CR1, a 40.4kDa seven trans-membrane protein. CX3CR1, known also as fractalkine receptor, is the receptor for CX3CL1 and acts as a co-receptor with CD4 for the HIV-1 envelope protein. It is expressed in a variety of human tissues and mediates leucocyte adhesion and migration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283837924
NCBI GeneID	1524
NCBI Accession #	NP_001164642.1
NCBI GenBank Nucleotide #	NM_001171171.1
UniProt Accession #	P49238; A0N0N6; B2R5Z4; J3KP17
Molecular Weight	43,969 Da
NCBI Official Full Name	CX3C chemokine receptor 1 isoform b
NCBI Official Synonym Full Names	chemokine (C-X3-C motif) receptor 1
NCBI Official Symbol	CX3CR1
NCBI Official Synonym Symbols	V28; CCRL1; GPR13; CMKDR1; GPRV28; CMKBRL1
NCBI Protein Information	CX3C chemokine receptor 1; C-X3-C CKR-1; CMK-BRL-1; CMK-BRL1; G protein-coupled receptor 13; G-protein coupled receptor 13; beta chemokine receptor-like 1; chemokine (C-C) receptor-like 1; chemokine (C-X3-C) receptor 1; fractalkine receptor
UniProt Protein Name	CX3C chemokine receptor 1
UniProt Gene Name	CX3CR1
UniProt Synonym Gene Names	CMKBRL1; GPR13; C-X3-C CKR-1; CX3CR1; CMK-BRL1
UniProt Entry Name	CX3C1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cx3cr1-antibody-western-blot-immunohistochemistry-elisa/50031>