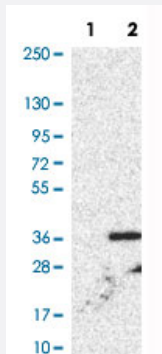


XCR1 polyclonal antibody

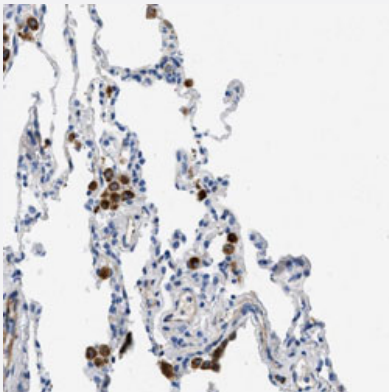
Catalog # PAB31438 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with XCR1 polyclonal antibody (Cat # PAB31438).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with XCR1 polyclonal antibody (Cat # PAB31438) shows strong cytoplasmic positivity in macrophages.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human XCR1.
Immunogen	Recombinant protein corresponding to human XCR1.
Sequence	MESSGNPESTTFFYYDLQSQPCENQAWVFATLA
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — XCR1

Entrez GeneID	2829
Protein Accession#	P46094
Gene Name	XCR1
Gene Alias	CCXCR1, GPR5
Gene Description	chemokine (C motif) receptor 1
Omim ID	600552
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains and numerous conserved amino acids. This receptor is most closely related to RBS11 and the MIP1-alpha/RANTES receptor. It transduces a signal by increasing the intracellular calcium ions level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

G protein-coupled receptor 5|XC chemokine receptor 1|chemokine (C motif) XC receptor 1|lymphotactin receptor

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Rhinitis](#)