

# CXCR-3 Polyclonal Antibody

Catalog # AP69344

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P49682</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	40660

## Additional Information

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<b>Gene ID</b>	2833
<b>Other Names</b>	CXCR3; GPR9; C-X-C chemokine receptor type 3; CXC-R3; CXCR-3; CKR-L2; G protein-coupled receptor 9; Interferon-inducible protein 10 receptor; IP-10 receptor; CD antigen CD183
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	CXCR3
<b>Synonyms</b>	GPR9
<b>Function</b>	[Isoform 1]: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC) through a heterotrimeric G- protein signaling pathway (PubMed: <a href="#">12782716</a> ). Binds to CCL21. Probably promotes cell chemotaxis response. Upon activation by PF4, induces activated T-lymphocytes migration mediated via downstream Ras/extracellular signal-regulated kinase (ERK) signaling. [Isoform 3]: Mediates the activity of CXCL11.
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Multi-pass membrane protein
<b>Tissue Location</b>	Isoform 1 and isoform 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1 is also expressed in placenta. Isoform 2 is expressed in endothelial cells. Expressed in T-cells (at protein level).

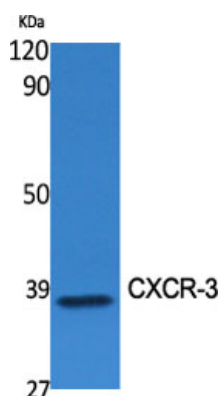
## Background

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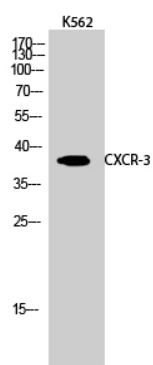
Isoform 1: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC) through a heterotrimeric G-protein signaling pathway (PubMed:[12782716](#)). Binds to CCL21. Probably promotes cell chemotaxis response. Isoform 3: Mediates the activity of CXCL11.

## Images

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Western Blot analysis of various cells using CXCR-3 Polyclonal Antibody



Western Blot analysis of K562 cells using CXCR-3 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.