

CXCR-3 Polyclonal Antibody
Catalog # AP69344**Specification**

CXCR-3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P49682
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CXCR-3 Polyclonal Antibody - Additional Information**Gene ID** 2833**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CXCR-3 Polyclonal Antibody - Protein Information**Name** CXCR3**Synonyms** GPR9**Function**

[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. 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.

Cellular Location

[Isoform 1]: Cell membrane; Multi-pass membrane protein

Tissue Location

Isoform 1 and isoform 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1

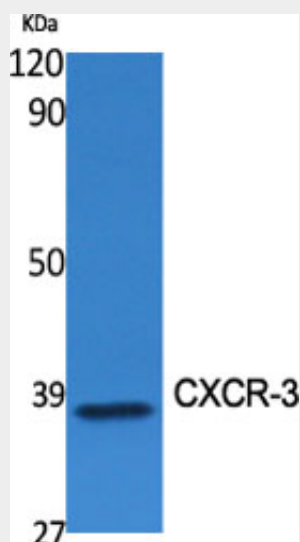
is also expressed in placenta. Isoform 2 is expressed in endothelial cells. Expressed in T-cells (at protein level).

CXCR-3 Polyclonal Antibody - Protocols

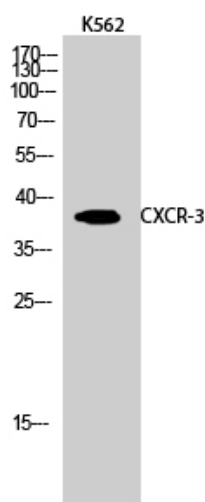
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CXCR-3 Polyclonal Antibody - Images



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



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

CXCR-3 Polyclonal Antibody - Background

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.