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CXCR-3 Polyclonal Antibody

Catalog # AP73460

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P49682
Reactivity	Human, Rat, Mouse, Pig, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40660

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; CD183
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

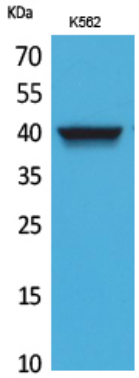
Name	CXCR3
Synonyms	GPR9
Function	[Isoform 1]: Receptor for the C-X-C chemokines CXCL9, CXCL10 and CXCL11, and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC) through a heterotrimeric G- protein signaling pathway (PubMed:12782716). Probably promotes cell chemotaxis response. Upon activation by PF4, induces activated T- lymphocyte 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).

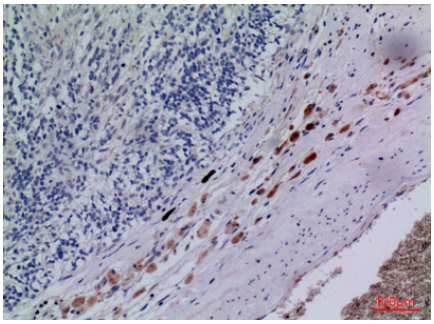
Background

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.

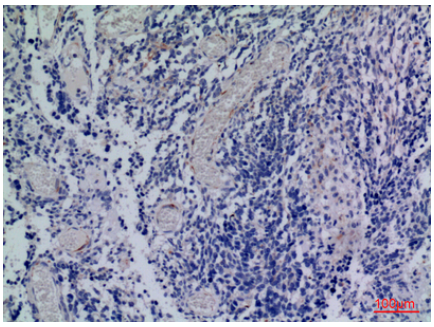
Images



Western Blot analysis of K562 cells using CXCR-3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

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