



CXCR-3 rabbit pAb

Cat No.:ES2075

For research use only

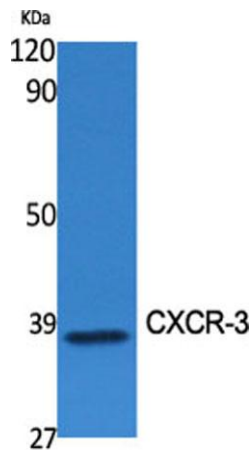
Overview

Product Name	CXCR-3 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CXCR3. AA range:161-210
Specificity	CXCR-3 Polyclonal Antibody detects endogenous levels of CXCR-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	C-X-C chemokine receptor type 3
Gene Name	CXCR3
Cellular localization	[Isoform 1]: Cell membrane ; Multi-pass membrane protein .; [Isoform 2]: Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	2833
Human Swiss-Prot Number	P49682
Alternative 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
Background	C-X-C motif chemokine receptor 3(CXCR3) Homo sapiens This gene encodes a G protein-coupled

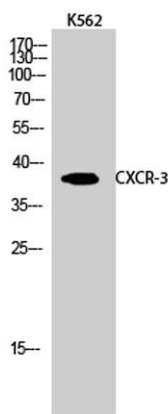




receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716). [provided by RefSeq, Jun 2011],



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

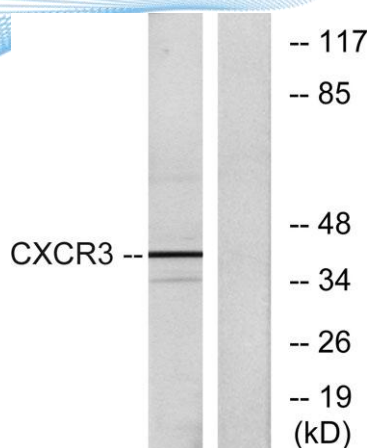


Western Blot analysis of K562 cells using CXCR-3 Polyclonal Antibody





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Western blot analysis of lysates from K562 cells, using CXCR3 Antibody. The lane on the right is blocked with the synthesized peptide.



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