

CXCR4 Polyclonal Antibody

Catalog number: 11073-2-AP

Size: 44 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

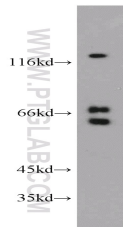
CXCR4; CD184, CXC R4, CXCR 4,

CXCR4, CXCR4B, D2S201E,

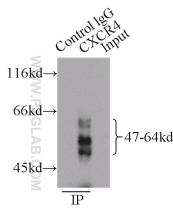
FB22, Fusin, HM89, HSY3RR,

LAP3, LCR1, LESTR, SDF 1

receptor, WHIM



HeLa cells were subjected to SDS PAGE followed by western blot with 11073-2-AP(CXCR4 antibody) at dilution of 1:500



IP Result of anti-CXCR4 (IP:11073-2-AP, 3µg; Detection:11073-2-AP 1:500) with HeLa cells lysate 1000µg.

Background

The chemokine receptor CXCR4, a 7-transmembrane protein on cell surface, acts with the CD4 protein to support HIV entry into cells. CXCR4 is highly expressed in brain and heart, white blood cells, vascular endothelial cells, and umbilical cord endothelial cells. Several CXCR4 isoforms have been identified with molecular weights of 47, 50, 62 and 98kDa. The 62-64kDa CXCR4 is predominantly ubiquitinated and is preferentially associated with CD4. This antibody recognizes the 62kd CXCR4.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated CXCR4 MW:	352aa, 40kd
Observed CXCR4 MW:	60-70kd
Positive WB detected in	HeLa cells, Jurkat cells
Positive IP detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1528
GenBank accession number:	BC020968
Gene ID (NCBI):	7852
Full name:	Chemokine (C-X-C motif) receptor 4

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.