

Fusin Polyclonal Antibody

Catalog # AP69983

Product Information

Application	WB, IF, ICC, E
Primary Accession	P61073
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Additional Information

Other Names	CXCR4; C-X-C chemokine receptor type 4; CXC-R4; CXCR-4; FB22; Fusin; HM89; LCR1; Leukocyte-derived seven transmembrane domain receptor; LESTR; NPYRL; Stromal cell-derived factor 1 receptor; SDF-1 receptor; CD antigen CD184
Dilution	WB--Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. 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°C

Protein Information

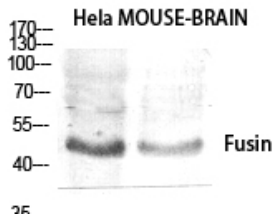
Background

Receptor for the C-X-C chemokine CXCL12/SDF-1 that transduces a signal by increasing intracellular calcium ion levels and enhancing MAPK1/MAPK3 activation (PubMed:[10452968](#), PubMed:[28978524](#), PubMed:[18799424](#), PubMed:[24912431](#)). Involved in the AKT signaling cascade (PubMed:[24912431](#)). Plays a role in regulation of cell migration, e.g. during wound healing (PubMed:[28978524](#)). Acts as a receptor for extracellular ubiquitin; leading to enhanced intracellular calcium ions and reduced cellular cAMP levels (PubMed:[20228059](#)). Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion by monocytes (PubMed:[11276205](#)). Involved in hematopoiesis and in cardiac ventricular septum formation. Also plays an essential role in vascularization of the gastrointestinal tract, probably by regulating vascular branching and/or remodeling processes in endothelial cells. Involved in cerebellar development. In the CNS, could mediate hippocampal- neuron survival (By similarity).

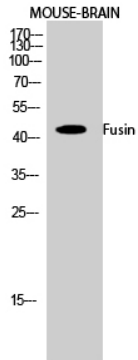
Images

Western Blot analysis of various cells using Fusin

Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of MOUSE-BRAIN cells using Fusin Polyclonal Antibody diluted at 1 : 1000



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