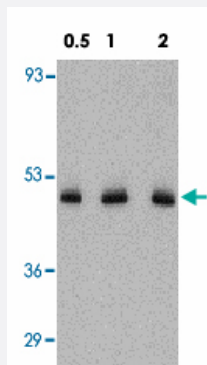


CX3CL1 polyclonal antibody

Catalog # PAB12834 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of CX3CL1 in C2C12 cell lysate with CX3CL1 polyclonal antibody (Cat # PAB12834) at 0.5, 1 and 2 mg/ml.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CX3CL1.
Immunogen	A synthetic peptide corresponding to N-terminus of human CX3CL1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (0.5-1 mg/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of CX3CL1 in C2C12 cell lysate with CX3CL1 polyclonal antibody (Cat # PAB12834) at 0.5, 1 and 2 mg/ml.

Gene Info — CX3CL1

Entrez GeneID	6376
Protein Accession#	AAB50014
Gene Name	CX3CL1
Gene Alias	ABCD-3, C3Xkine, CXC3, CXC3C, NTN, NTT, SCYD1, fractalkine, neurotactin
Gene Description	chemokine (C-X3-C motif) ligand 1
Omim ID	601880
Gene Ontology	Hyperlink
Gene Summary	member 1 (fractalkine
Other Designations	small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin) small inducible cytokine subfamily D (Cys-X3-Cys), member-1

Publication Reference

- [Production and neuroprotective functions of fractalkine in the central nervous system.](#)

Mizuno T, Kawanokuchi J, Numata K, Suzumura A.

Brain Research 2003 Jul; 979(1-2):65.

Application: ELISA, Mouse, Astrocytes, Microglia, Neuro2a cells, Neuronal cells

- [Chemokines and their receptors in the central nervous system.](#)

Bajetto A, Bonavia R, Barbero S, Florio T, Schettini G.

Frontiers in Neuroendocrinology 2001 Jul; 22(3):147.

- [Identification of CX3CR1. A chemotactic receptor for the human CX3C chemokine fractalkine and a fusion coreceptor for HIV-1.](#)

Combadiere C, Salzwedel K, Smith ED, Tiffany HL, Berger EA, Murphy PM.

The Journal of Biological Chemistry 1998 Sep; 273(37):23799.

Application: Flow Cyt, WB-Tr, Human, HEK 293 cells

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Metabolic Syndrome X](#)

- [Neoplasms](#)
- [Osteoporosis](#)
- [Psoriasis](#)
- [Stroke](#)