

CXCR-3 polyclonal antibody

Catalog: BS6993

Host: Rabbit

Reactivity: Human, Mouse

Background:

The CXC or a chemokine family is characterized by a pair of cysteine residues separated by a single amino acid and primarily functions as chemo-attractants for neutrophils. The CXC family includes IL-8, NAP-2, MSGA and stromal cell derived factor-1 or SDF-1. SDF-1 was originally described as a pre-B cell stimulatory factor, but has now been shown to function as a potent chemoattractant for T cells and monocytes but not neutrophils. Receptors for the CXC family are G protein-coupled, seven pass transmembrane domain proteins which include IL-8RA, IL-8RB, CXCR-3 and fusin (variously referred to as LESTR or CXCR-4). CXCR-3, also known as IP-10/Mig receptor, mediates Ca⁺⁺ mobilization and chemotaxis in response to the CXC chemo-kines IP-10 and Mig. CXCR-3 is highly expressed in IL-2-activated T lymphocytes, but not in resting T lymphocytes, B lymphocytes, monocytes or granulocytes.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 44 kDa

Swiss-Prot:

P49682

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:1000

IHC 1:50 - 1:200

Storage&Stability:

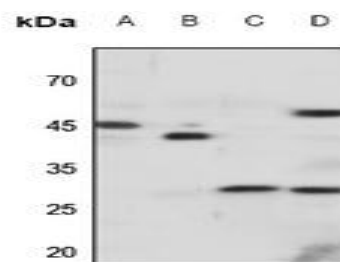
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

CXCR-3 polyclonal antibody detects endogenous levels of CXCR-3 protein.

DATA:



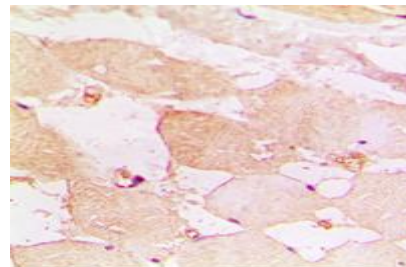
Western blot (WB) analysis of CXCR-3 polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate(40ug)

LaneB:Hela whole cell lysate(40ug)

LaneC:The Heart tissue lysate of Mouse(40ug)

LaneD:The Kidney tissue lysate of Mouse(40ug)



Immunohistochemical analysis of CD183 staining in human muscle formalin fixed paraffin embedded tissue section.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151