

Datasheet for ABIN208407
anti-CXCR4 antibody (AA 328-338)



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1 Image

Overview

Quantity:	0.1 mg
Target:	CXCR4
Binding Specificity:	AA 328-338
Reactivity:	Human, Mouse, Rat, Monkey, Rabbit, Pig, Cow, Dog, Horse, Hamster, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A peptide corresponding to amino acids 328-338 (ILSKGKRGGHS) of human CXCR4, GenBank no. gb AAK29630.1 . It will cross react with mouse and rat CXCR4. Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Baboon, Monkey, Marmoset, Tamarin, Mouse, Rat, Bat, Bovine, Dog, Cat, Hamster, Panda, Rabbit, Horse, Pig, Opossum, Lizard (100%), Turkey, Chicken (91%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	In HeLa, a 45 kD band is observed.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Baboon, Monkey, Marmoset, Tamarin, Mouse, Rat, Bat, Bovine, Dog, Cat, Hamster, Panda, Rabbit, Horse,

Product Details

Pig, Opossum, Lizard (100%) Turkey, Chicken (91%).

Purification: Protein G purified

Target Details

Target: CXCR4

Alternative Name: CXCR4 ([CXCR4 Products](#))

Background: Name/Gene ID: CXCR4
Subfamily: Chemokine
Family: GPCR

Synonyms: CXCR4, CD184, CD184 antigen, Cmkar4, Cxc chemokine receptor 4, CXCR-4, CXCR4, D2S201E, FB22, Fusin, HM89, LCR1, NPY3R, NPYRL, NPYY3R, Npyy3, HSY3RR, SDF-1 receptor, WHIM, C-x-c chemokine receptor 4, LESTR, Neuropeptide Y receptor Y3, NPYR

Gene ID: 7852

UniProt: [P61073](#)

Pathways: [Regulation of Cell Size](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Approved: WB (1 - 2 µg/mL)

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS containing 0.05 % sodium azide

Preservative: Sodium azide

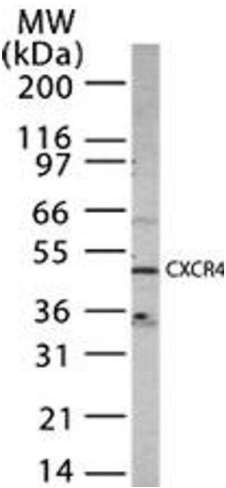
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Western Blotting

Image 1.