

Datasheet for ABIN2878844
anti-CXCR4 antibody (AA 300-349)



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1 Image

Overview

Quantity:	50 µL
Target:	CXCR4
Binding Specificity:	AA 300-349
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from human CXCR4 (aa300-349). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	CXCR4 Antibody detects endogenous levels of total CXCR4 protein.
Purification:	Immunoaffinity purified

Target Details

Target:	CXCR4
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Target Details

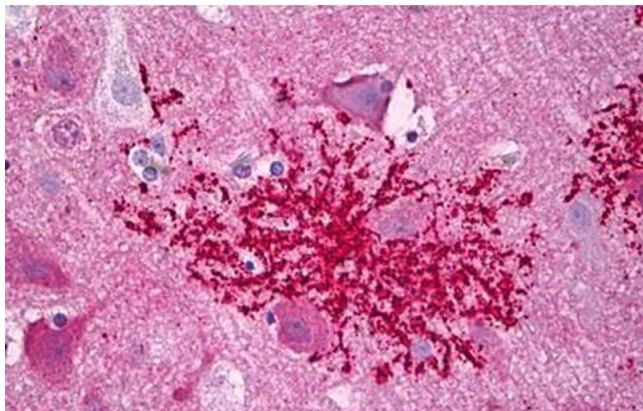
Alternative Name:	CXCR4 (CXCR4 Products)
Background:	Name/Gene ID: CXCR4 Subfamily: Chemokine Family: GPCR Synonyms: CXCR4, CD184, CD184 antigen, Cmkar4, Cxc chemokine receptor 4, CXCR-4, CXCR-4, D2S201E, FB22, Fusin, HM89, LCR1, NPY3R, NPYRL, NPY3R, Npyy3, HSY3RR, SDF-1 receptor, WHIM, C-x-c chemokine 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: IF (1:100 - 1:500), IHC, IHC-P, Peptide-ELISA (1:40000), WB (1:500 - 1:1000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02 % sodium azide, 50 % glycerol
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 freeze thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.



Immunohistochemistry

Image 1. Anti-CXCR4 antibody IHC staining of human brain, astrocytes microglia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN959304 dilution 1:100.