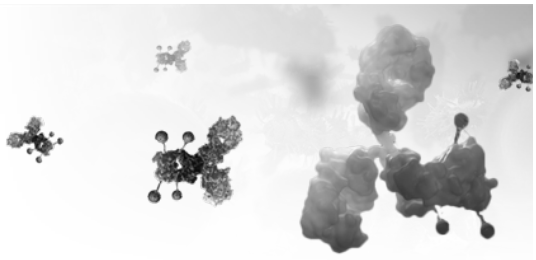

Anti-CXCR1 (C-terminal) polyclonal antibody (DPAB-DC1706)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36.
Immunogen	A synthetic peptide corresponding to amino acids at C-terminus of human CXCR1. The sequence is C-SKEFLARHRVTSY
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide

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Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CXCR1 chemokine (C-X-C motif) receptor 1 [Homo sapiens (human)]
Official Symbol	CXCR1
Synonyms	CXCR1; chemokine (C-X-C motif) receptor 1; C-C; CD128; CD181; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; CDw128a; C-C-CKR-1; C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; IL-8R A; IL-8 receptor type 1; interleukin 8 receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A; high affinity interleukin-8 receptor A;
Entrez Gene ID	3577
Protein Refseq	NP_000625
UniProt ID	P25024
Chromosome Location	2q35
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Endocytosis
Function	G-protein coupled receptor activity; chemokine receptor activity; interleukin-8 binding; interleukin-8 receptor activity

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