Product datasheet

Anti-CXCR3 antibody ab133420

Overview

Product name: Anti-CXCR3 antibody
Description: Rabbit polyclonal to CXCR3
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P, ELISA
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide, from internal sequence amino acids of Human CXCR3.
Positive control: Human brain (cortex neurons) tissue; K562 cell extract.

Properties

Form: Liquid
Storage buffer: pH: 7.40
Preservative: 0.02% Sodium azide
 Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride
 Note: PBS (without Mg²⁺, Ca²⁺)
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab133420 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
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<td>WB</td>
<td>1/500 - 1/1000. Predicted molecular weight: 40 kDa.</td>
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Function
Receptor for CXCL9, CXCL10 and CXCL11 and mediates the proliferation of human mesangial cells (HMC).
Isoform 2 is a receptor for CXCL4 and also mediates the inhibitory activities of CXCL9, CXCL10 and CXCL11 on the growth of human microvascular endothelial cells (HMVEC). May play a role in angiogenesis.
Isoform 3 mediates the activity of CXCL11.

Tissue specificity
Isoform 1 and isoform 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1 is also expressed in placenta.

Sequence similarities
Belongs to the G-protein coupled receptor 1 family.

Cellular localization
Cell membrane.

Images

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain (cortex neurons) tissue labelling CXCR3 with ab133 antibody at 10µg/ml, followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

All lanes: Anti-CXCR3 antibody (ab133420) at 1/500 dilution

Lane 1: K562 cell extract
Lane 2: K562 cell extract with synthesized peptide

Predicted band size: 40 kDa
Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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