

Datasheet for ABIN652722

anti-CXCR7 antibody (C-Term)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	CXCR7
Binding Specificity:	AA 330-358, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CXCR7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 330-358 amino acids from the C-terminal region of human CXCR7.
Clone:	RB23520
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CXCR7
Alternative Name:	CXCR7 (CXCR7 Products)

Target Details

Background:	CXCR7 is a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV).
Molecular Weight:	41493
Gene ID:	57007
NCBI Accession:	NP_064707
UniProt:	P25106
Pathways:	Myometrial Relaxation and Contraction , Negative Regulation of intrinsic apoptotic Signaling

Application Details

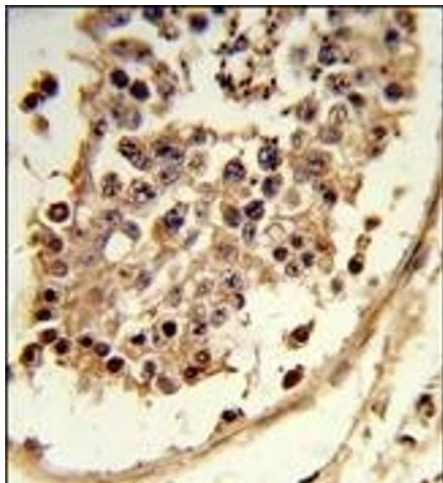
Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

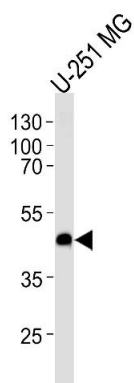
Publications

Product cited in:	Guan, Zhou: "CXCR7 attenuates the TGF- β -induced endothelial-to-mesenchymal transition and pulmonary fibrosis." in: Molecular bioSystems , Vol. 13, Issue 10, pp. 2116-2124, (2018) (PubMed).
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with CXCR7 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of lysate from U-251 MG cell line, using CXCR7 Antibody (C-term) (ABIN652722 and ABIN2842478). (ABIN652722 and ABIN2842478) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.