

## ARG67126 anti-CXCR7 / CD187 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CXCR7 / CD187
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCR7 / CD187
Species	Human
Conjugation	Un-conjugated
Alternate Names	ACKR3; Atypical Chemokine Receptor 3; GPR159; RDC1; Chemokine Orphan Receptor 1; CMKOR1; CXCR7; G-Protein Coupled Receptor RDC1 Homolog; Chemokine (C-X-C Motif) Receptor 7; C-X-C Chemokine Receptor Type 7 ; G-Protein Coupled Receptor 159; CXC-R7; CXCR-7; RDC-1; G Protein-Coupled Receptor

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	ACKR3
Gene Full Name	Atypical Chemokine Receptor 3
Background	This gene encodes 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). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas. [provided by RefSeq, Jul 2008]
Function	Atypical chemokine receptor that controls chemokine levels and localization via high-affinity chemokine binding that is uncoupled from classic ligand-driven signal transduction cascades, resulting instead in chemokine sequestration, degradation, or transcytosis. Also known as interceptor (internalizing receptor) or chemokine-scavenging receptor or chemokine decoy receptor. Acts as a receptor for chemokines CXCL11 and CXCL12/SDF1. [Uniprot]
Calculated Mw	41 kDa
PTM	Disulfide bond, Glycoprotein, Phosphoprotein, Ubl conjugation. [Uniprot]
Cellular Localization	Cell membrane, Endosome, Membrane. [Uniprot]

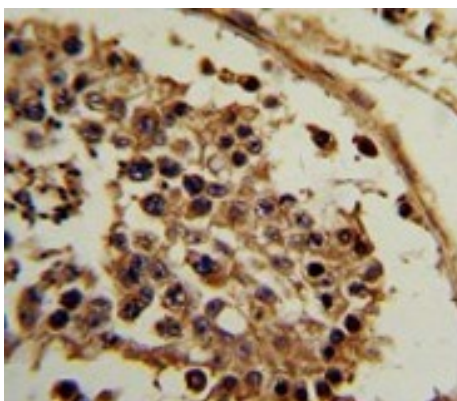
## Images

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ARG67126 anti-CXCR7 / CD187 antibody WB image

Western blot: U-251 stained with ARG67126 anti-CXCR7 / CD187 antibody at 1:1000 dilution.



ARG67126 anti-CXCR7 / CD187 antibody IHC-P image

Immunohistochemistry: Human testis stained with ARG67126 anti-CXCR7 / CD187 antibody.