



# Rabbit Anti-ACKR3 monoclonal antibody, clone TO76-10 (CABT-L738)

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

## PRODUCT INFORMATION

<b>Target</b>	GPCR RDC1
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TO76-10
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, FC
<b>Molecular Weight</b>	41 kDa
<b>Cellular Localization</b>	Cell membrane, Cytoplasm.
<b>Positive Control</b>	PC-3M.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

**Introduction**

Members of the C-X-C or  $\alpha$  chemokine family are characterized by a pair of cysteine residues separated by a single amino acid and primarily function as chemoattractants for neutrophils. The C-X-C family includes IL-8, NAP-2, MSGA and stromal cell derived factor-1 (SDF-1). Receptors for the C-X-C family are G protein-coupled, seven pass transmembrane domain proteins and include proteins such as IL-8RA, IL-8RB, CXCR-3 and fusin (also designated LESTR or CXCR-4). C-X-C chemokine receptor type 7 (CXCR-7), also known as RDC-1, is a 362 amino acid receptor for SDF-1. Initially identified as a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor. CXCR-7, with CSCR-4, also acts as a coreceptor for human immunodeficiency viruses (HIV). Highly expressed in monocytes, B-cells and basophils, and highly active in various biological processes, including cell growth, cell adhesion and tumor growth, CXCR-7 may play a role in tumorigenesis.

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**Keywords**

ACKR3;atypical chemokine receptor 3;C X C chemokine receptor type 7;C-X-C chemokine receptor type 7;Chemokine (C-X-C motif) receptor 7;Chemokine C X C motif receptor 7;Chemokine orphan receptor 1;CMKOR1;CXC R7;CXC-R7;CXCR 7;CXCR-7;CXCR7;CXCR7\_HUMAN;G protein coupled receptor 159;G protein coupled receptor;G protein coupled receptor RDC1 homolog;G-protein coupled receptor 159;G-protein coupled receptor RDC1 homolog;GPR159;GPRN1;RDC 1;RDC-1;RDC1 antibody

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## GENE INFORMATION

**Entrez Gene ID**

[369](#)

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