



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

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

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

BACKGROUND

Introduction	Members of the C-X-C or α 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.
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

GENE INFORMATION

Entrez Gene ID	369
-----------------------	---------------------
