

Datasheet for ABIN6136434  
**anti-CXCR7 antibody (AA 50-150)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CXCR7
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human ACKR3 (NP_064707.1).
Sequence:	IYIFIVIGM IANSVVVVVN IQAKTTGYDT HCYILNLAIA DLWVVLTIPV WVVSLVQHNQ WPMGELTCKV THLIFSINLF GSIFFLTCMS VDRYLSITYF T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

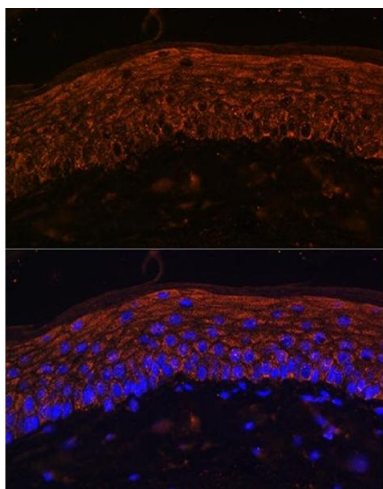
Target:	CXCR7
Alternative Name:	ACKR3 ( <a href="#">CXCR7 Products</a> )
Background:	This gene encodes a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, 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. ACKR3, CMKOR1, CXCR7, CXCR-7, CXCR7, GPR159, RDC-1, RDC1, Signal Transduction, G protein signaling, G-Protein-Coupled Receptors (GPCR), ACKR3
Molecular Weight:	41 kDa
Gene ID:	57007
UniProt:	<a href="#">P25106</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

## Application Details

Application Notes:	WB, 1:500 - 1:2000, IF, 1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

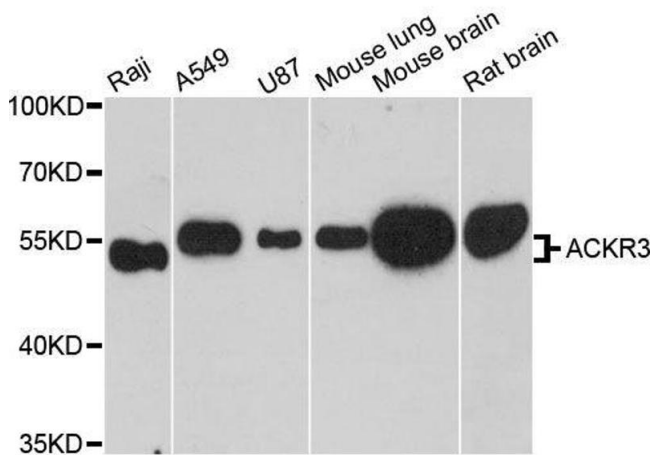
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

**Image 1.** Immunofluorescence analysis of Mouse skin using Rabbit pAb (ABIN6134303, ABIN6136434, ABIN6136435 and ABIN6216449) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using ACKR3 antibody.