

Goat anti-CXCR7 / RDC1 Antibody

Item Number	dAP-3262
Target Molecule	Principle Name: CXCR7 / RDC1; Official Symbol: ACKR3; All Names and Symbols: ACKR3; atypical chemokine receptor 3; CMKOR1; CXC-R7; CXCR-7; CXCR7; GPR159; RDC-1; RDC1; C-X-C chemokine receptor type 7; G protein-coupled receptor; G-protein coupled receptor 159; G-protein coupled receptor RDC1 homolog; chemokine (C-X-C motif) receptor; Accession Number (s): NP_064707.1; Human Gene ID(s): 57007; Non-Human GeneID(s):
Immunogen	TEYSALEQSTK, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 42kDa band observed in Human Breast cancer lysates (calculated MW of 41.5kDa according to NP_064707.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Yates TJ, Knapp J, Gosalbez M, Lokeshwar SD, Gomez CS, Benitez A, Ekwenna OO, Young EE, Manoharan M, Lokeshwar VB. C-X-C chemokine receptor 7: a functionally associated molecular marker for bladder cancer. <i>Cancer</i> 2013 Jan 119 (1): 61-71.. PMID: 22736438->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**