

## Goat anti-CXCR7 / RDC1 Antibody

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| <b>Item Number</b>     | dAP-3262   |
| <b>Target Molecule</b> | 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) recepto; Accession Number (s): NP_064707.1; Human Gene ID(s): 57007; Non-Human GeneID(s): |
| <b>Immunogen</b>       | TEYSALEQSTK, is from C Terminus  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 64000.   |
| <b>Western Blot</b>    | 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.  |
| <b>IHC</b>             |  |
| <b>Reference</b>       | 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. Cancer 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 ender users! This product is sold for **Research Use Only**