

## Goat anti-Duffy / FY / DARC, Biotinylated Antibody

<b>Item Number</b>	dAP-3401
<b>Target Molecule</b>	Principle Name: Duffy / FY / DARC, Biotinylated; Official Symbol: ACKR1; All Names and Symbols: ACKR1; atypical chemokine receptor 1 (Duffy blood group); CCBP1; CD234; DARC; Dfy; FY; GPD; GpFy; WBCQ1; Duffy antigen chemokine receptor; Duffy blood group antigen; Duffy blood group, atypical chemokine receptor; Duffy blood group, chemokine receptor; Fy; Accession Number (s): NP_001116423.1; NP_002027.2; Human Gene ID(s): 2532; Non-Human GeneID(s):
<b>Immunogen</b>	HRAELSPSTENSSQLDFEDC., is from N Terminus This antibody is expected to recognize both reported isoforms (NP_001116423.1; NP_002027.2).
<b>Applications</b>	Pep ELISA, WB, IHC, FC  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. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in Human Liver lysates (calculated MW of 35.7kDa according to NP_001116423.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Brühl H, Vielhauer V, Weiss M, Mack M, Schlöndorff D, Segerer S. Expression of DARC, CXCR3 and CCR5 in giant cell arteritis. <i>Rheumatology (Oxford, England)</i> 2005 Mar 44 (3): 309-13..PMID: 15572394->

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**