

Goat anti-Arrestin beta 2, Biotinylated Antibody

Item Number	dAP-3375
Target Molecule	Principle Name: Arrestin beta 2, Biotinylated; Official Symbol: ARRB2; All Names and Symbols: ARRB2; arrestin, beta 2; ARB2; ARR2; BARR2; arrestin 3; arrestin beta-2; Accession Number (s): NP_004304.1; NP_945355.1; NP_001244257.1; NP_001244259.1; NP_001244260.1; Human Gene ID(s): 409; Non-Human GeneID(s): 216869 (mouse) 25388 (rat)
Immunogen	HDHIPLPRQS., is from internal region This antibody is expected to recognise both reported isoforms 1, 2, 3, 5 and 6 (NP_004304.1; NP_945355.1; NP_001244257.1; NP_001244259.1; NP_001244260.1). No crossreactivity is expected with
Applications	Pep ELISA, WB, IP, IHC Species Tested: Human, Mouse, Rat
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 128000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Spleen lysates (calculated MW of 46.1kDa according to NP_004304.1). See non-biotinylated parental product's datasheet for further QC data. Please note that the batch that produced this biotinylated product
IHC	
Reference	Reference(s): Lefkowitz RJ, Shenoy SK. Transduction of receptor signals by beta-arrestins. Science (New York, N.Y.) 2005 Apr 30; 308 (5721): 512-7. PMID: 15845844->

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**