

Datasheet for ABIN5539477

anti-Arrestin 3 antibody (Internal Region) (Biotin)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Arrestin 3 (ARRB2)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Arrestin 3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Arrestin beta 2, Biotinylated
Sequence:	HDHIPLRPQ S.
Isotype:	IgG
Specificity:	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 Arrestin beta 1.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Arrestin 3 (ARRB2)
Alternative Name:	ARRB2 (ARRB2 Products)
Background:	ARRB2, arrestin, beta 2, ARB2, ARR2, BARR2, arrestin 3, arrestin beta-2
Gene ID:	409, 216869, 25388
NCBI Accession:	NP_004304 , NP_945355 , NP_001244257 , NP_001244259 , NP_001244260
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , cAMP Metabolic Process , Myometrial Relaxation and Contraction , Regulation of Leukocyte Mediated Immunity , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , CXCR4-mediated Signaling Events , Phototransduction , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot: Approx 45 kDa band observed in Human Spleen lysates (calculated MW of 46.1 kDa 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 Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539477 (1µg/ml) staining of Human Spleen lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.