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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06745 - Goat Anti-Arrestin beta 2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BARR2, beta-arrestin 2, arrestin beta 2, DKFZp686L0365, ARR2, ARB2, HGNC:712, ARRB2, arrestin, beta 2

Official Symbol: ARRB2

Accession Number(s): NP_004304.1; NP_945355.1

Human GeneID(s): [409](#)

Important Comments: This antibody is expected to recognise both reported isoforms NP_004304.1 and NP_945355.1. No crossreactivity is expected with Arrestin beta 1.

Immunogen

Peptide with sequence C-HDHIPLRPQS, from the internal region of the protein sequence according to NP_004304.1; NP_945355.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 40kDa band observed in Human Brain lysates (calculated MW of 46.1kDa according to NP_004304.1 and 44.4 according to NP_945355.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

Background Reference

Lefkowitz RJ, Shenoy SK.

Transduction of receptor signals by beta-arrestins.

Science. 2005 Apr 22;308(5721):512-7. Review.

PMID: 15845844



EB06745 (0.3µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.