

Arrestin Antibody

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

CATALOG NO.: 45-295

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

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

SOURCE:

Arrestin antibody was raised against a synthetic peptide of Arrestin.

PROTEIN ACCESSION NUMBER(S) :

NP_004304.1, NP_945355.1

SPECIES REACTIVITY:

Human, Mouse, Rat

TESTED APPLICATION:

WB, E

APPLICATION:

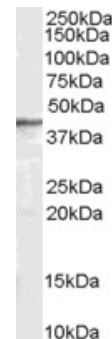
Peptide ELISA: antibody detection limit dilution 1:32000.
Western Blot: Approx 40kDa band observed in Human Brain lysates (calculated MW of 46.1kDa according to NP_004304.1 and 44.4 according to NP_945355.1).
Recommended concentration: 0.3-1µg/ml.

PURIFICATION:

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

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of Arrestin in human brain lysate (35µg protein in RIPA buffer) using Arrestin antibody (0.3µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Lefkowitz RJ, Shenoy SK. Transduction of receptor signals by beta-arrestins. *Science*. 2005 Apr 22;308(5721):512-7. Review.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.