

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07121 - Goat Anti-ADRA2A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ADRA2A, adrenergic, alpha-2A-, receptor, ADRA2, ADRA2R, ADRAR, ALPHA2AAR, ZNF32, OTTHUMP00000058849, alpha-2A-adrenergic receptor, alpha-2AAR subtype C10

Official Symbol: ADRA2A

Accession Number(s): NP_000672.2

Human GeneID(s): [150](#)

Immunogen

Peptide with sequence C-TERRP NGLGPERS, from the internal region of the protein sequence according to NP_000672.2.

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: Preliminary experiments gave a band at approx 37kDa and a minor band at approx 23kDa in Human Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 49.0kDa according to NP_000672.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

Immunofluorescence: This product has been successfully used in IF on Mouse primary DRG cultured neurons.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog