

## UK Office

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

## EB11263 - Goat Anti-Adrb3 (mouse, intracellular) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Adrb-3, adrenergic receptor, beta 3, beta 3-AR, beta-3 adrenergic receptor, Beta-3 adrenoceptor, beta-3 adrenoreceptor, Beta-3 AR, beta3-adrenergic receptor, OTTMUSP00000036281, Adrb3

**Official Symbol:** Adrb3

**Accession Number(s):** NP\_038490.2

**Human GeneID(s):** [155](#)

**Non-Human GeneID(s):** 11556 (mouse), 25645 (rat)

**Important Comments:** The immunizing peptide represents part of an intracellular domain.

### Immunogen

Peptide with sequence C-EARQSPPLNRFD, from the internal region (near C Terminus) of the protein sequence according to NP\_038490.2.

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 an approx 48kDa band in Mouse fetal Brain lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 43.0kDa according to NP\_038490.2. The 48kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse