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EB06937 - Goat Anti-ADRB2R / ADRB2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: ADRB2, ADRB2R, adrenergic, beta-2-, receptor, surface [Homo sapiens], HGNC:286, ADRBR, B2AR, BAR, BETA2AR, beta-2 adrenergic receptor, beta-2 adrenoceptor, catecholamine receptor
Official Symbol: ADRB2
Accession Number(s): NP_000015.1
Human GeneID(s): 154

Immunogen

Peptide with sequence C-HQGTVPSDNIDSQ, from the C Terminus of the protein sequence according to NP_000015.1.

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

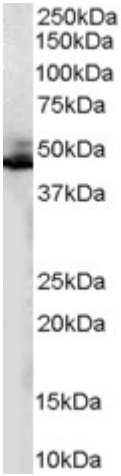
Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 48kDa band observed in Human Liver lysates (calculated MW of 46.6kDa according to NP_000015.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Cow
Expected from sequence similarity: Human, Dog, Cow

Specific Reference

This antibody has been successfully used in Western blot in Cow:
Rekawiecki R, Nowocin A, Kotwica J.
Relationship between concentrations of progesterone, oxytocin, noradrenaline, gene expression and protein level for their receptors in corpus luteum during estrous cycle in the cow.
Prostaglandins Other Lipid Mediat. 2010 Jun;92(1-4):13-8.
PMID: 20149890



EB06937 (0.2µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.