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Research Use Only. Not for diagnostic or therapeutic use.

EB11321 - Goat Anti-DBH (aa437-448) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DBM, dopamine beta-hydroxylase, dopamine beta-hydroxylase

(dopamine beta-monooxygenase), DBH

Official Symbol: DBH

Accession Number(s): NP_000778.3

Human GeneID(s): 1621

Non-Human GenelD(s): 13166 (mouse), 25699 (rat)

Immunogen

Peptide with sequence C-DNHYSPHFQEIR, from the internal region of the protein sequence according to NP_000778.3.

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 1:128000.

Western blot: Approx 70kDa band observed in lysates of cell line Jurkat (calculated MW of 69.1kDa according to NP_000778.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Brain for this particular batch.

IHC: Paraffin embedded Human Adrenal Gland. Recommended concentration: 5µg/ml.

Species Reactivity

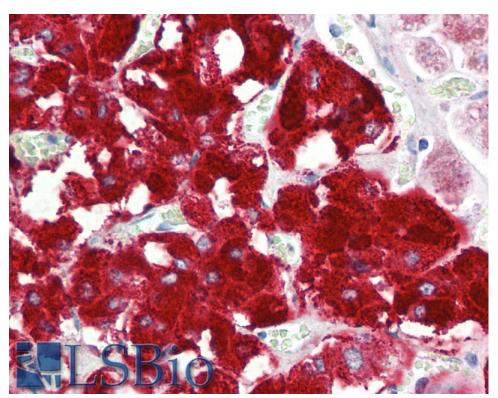
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

EB11321 (2µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

20kDa



EB11321 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.