

## UK Office

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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 GeneID(s):** 13166 (mouse), 25699 (rat)

### Immunogen

Peptide with sequence C-DNHYSPPHFQEIIR, 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.

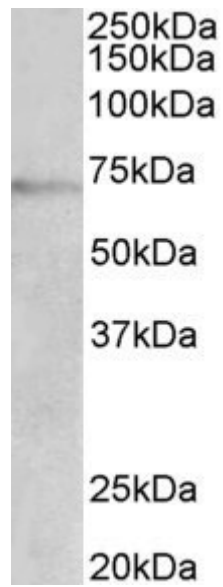
**Western blot:** Approx 70kDa band observed in lysates of cell line Jurkat (calculated MW of 69.1kDa according to NP\_000778.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Brain for this particular batch.

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

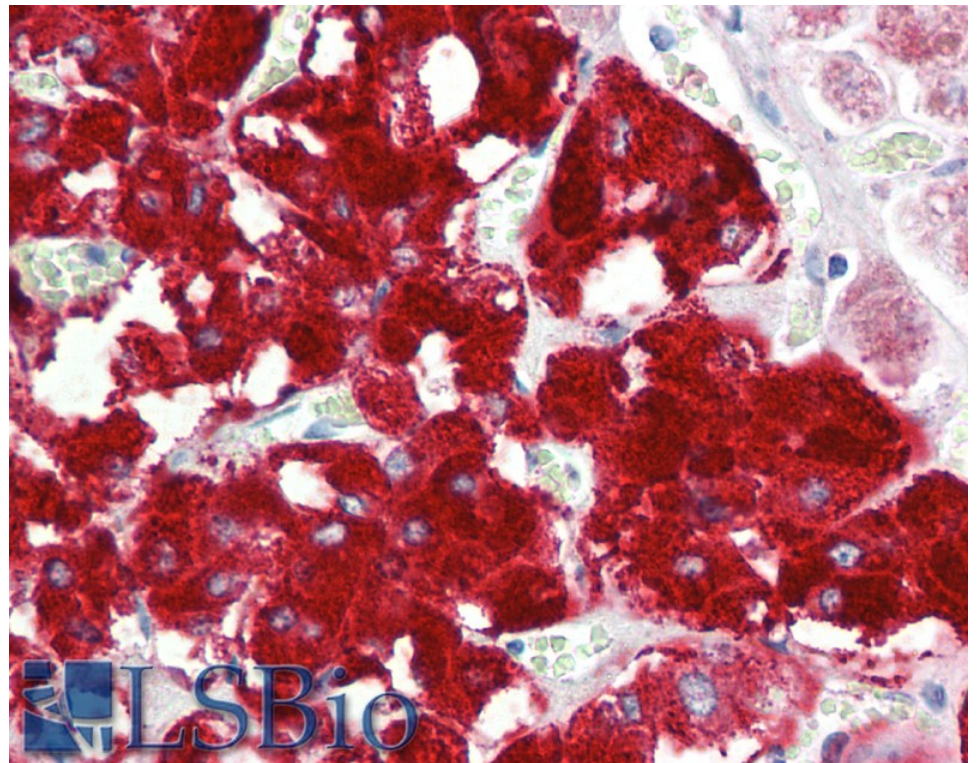
### Species Reactivity

**Tested:** Human

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



EB11321 (2 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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