

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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-monoxygenase), 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.

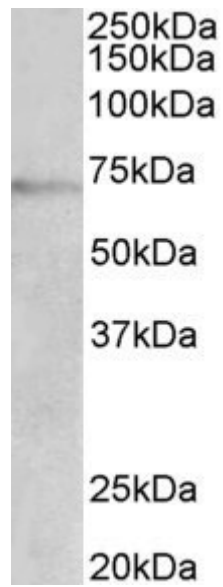
**Western blot:** Approx 70kDa band observed in lysates of cell line Jurkat (calculated MW of 69.1kDa according to NP\_000778.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Brain for this particular batch.

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

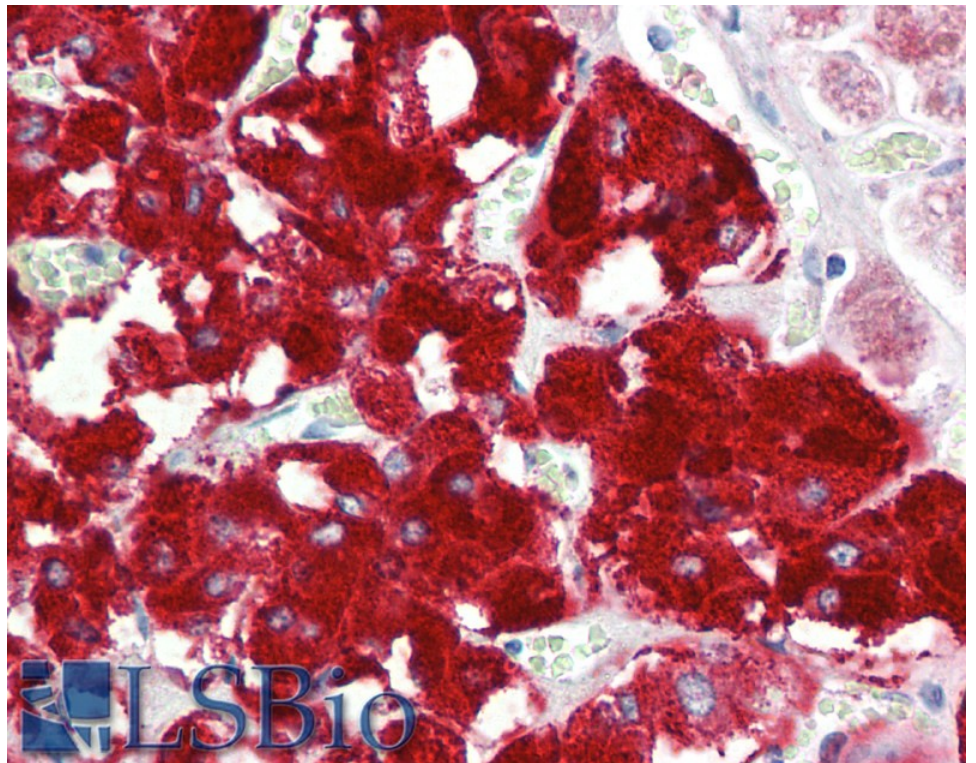
### Species Reactivity

**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.