

## 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.**

## EB09788 - Goat Anti-NDUFS6 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa  
(NADH-coenzyme Q reductase), NDUFS6

**Official Symbol:** NDUFS6

**Accession Number(s):** NP\_004544.1

**Human GeneID(s):** [4726](#)

**Non-Human GeneID(s):** 407785 (mouse), 29478 (rat)

### Immunogen

Peptide with sequence C-RIRFVGRQKEVNEN, from the internal region of the protein sequence according to NP\_004544.1.

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 15kDa band observed in Human Heart lysates and 14kDa in Mouse and Rat Heart lysates (calculated MW of 13.7kDa according to NP\_004544.1).  
Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

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

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB09788 (0.01µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09788 (0.1µg/ml) staining of Mouse (A) and Rat (B) Heart lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09788 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.