



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08137 - Goat Anti-14-3-3 tau / YWHAQ Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** YWHAQ, 14-3-3 protein tau, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide, 14-3-3, 1C5, HS1, 14-3-3 protein T-cell, 14-3-3 protein theta, protein tau, tyrosine 3/tryptophan 5 -monooxygenase activation protein, theta polypeptide

**Official Symbol:** YWHAQ

**Accession Number(s):** NP\_006817.1

**Human GeneID(s):** [10971](#)

### Immunogen

Peptide with sequence C-DDRKQTIDNSQ, from the internal region of the protein sequence according to NP\_006817.1.

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 1:4000.

**Western blot:** Approx 28kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 27.8kDa according to NP\_006817.1). Recommended concentration: 0.03-0.1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08137 (0.03 $\mu$ g/ml) staining of Human Brain (Hippocampus) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.