



## UK Office

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

## EB06690-T - Goat Anti-APOE Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** APOE, AD2, MGC1571, apoprotein, apolipoprotein E, apolipoprotein E3, Alzheimer disease 2 (APOE\*E4-associated, late onset), LPG

**Official Symbol:** APOE

**Accession Number(s):** NP\_000032.1

**Human GeneID(s):** [348](#)

### Immunogen

Peptide with sequence C-VG TSAAPVPSDNH, from the C Terminus of the protein sequence according to NP\_000032.1.

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

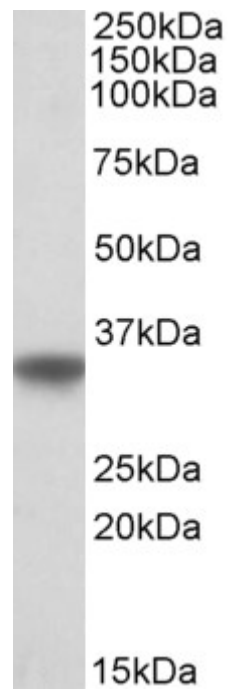
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 36kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 36.2kDa according to NP\_000032.1). Recommended concentration: 0.05-0.1µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB06690 (0.05 $\mu$ g/ml) staining of Human Brain (Hippocampus) lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.