

## UK Office

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

## EB08920 - Goat Anti-Clusterin / ApoJ (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ApoJ, clusterin, Clu, AI893575, Cli, D14Ucla3, SP-40, Sgp-2, Sgp2, Sugg-2, Apolipoprotein J, complement lysis inhibitor, testosterone repressed prostate message

**Official Symbol:** Clu

**Accession Number(s):** NP\_038520.1

**Non-Human GeneID(s):** 12759 (mouse), 24854 (rat)

### Immunogen

Peptide with sequence C-EKALQEYRRKSRAE, from the C Terminus of the protein sequence according to NP\_038520.1.

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 1:64000.

**Western blot:** Approx. 38kDa band observed in Rat Brain and Human Testis lysates.(calculated MW of 51.4kDa according to Rat XP\_006252156.1) The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources and the literature (Miyata et al, PMID: 11560857). The 38kDa band is thought to correspond to the alpha chain of APOJ. Recommended concentration: 0.1-1µg/ml. An additional band of unknown identity was also consistently observed at 28kDa in Rat Brain. This band was successfully blocked by incubation with the immunizing peptide.

### Species Reactivity

**Tested:** Human, Rat

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

EB08920 (0.1µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB08920 (0.3µg/ml) staining of Human Testes lysate (35µg protein in RIPA buffer). Primary incubation was 1  
hour. Detected by chemiluminescence.