



## International Office

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

## EB06586 - Goat Anti-Synaptogyrin 4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SYNGR4, synaptogyrin 4

**Official Symbol:** SYNGR4

**Accession Number(s):** NP\_036583.2

**Human GeneID(s):** [23546](#)

### Immunogen

Peptide with sequence HIPKSLQELANS-C, from the N Terminus of the protein sequence according to NP\_036583.2.

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 23kDa band observed in Human Brain lysates (calculated MW of 25.8kDa according to NP\_036583). Recommended concentration: 0.01-0.1µg/ml. A minor band of unknown identity was also consistently observed at 150kDa. This band was successfully blocked by incubation with the immunising peptide.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB06586 (0.01µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.