

# **UK Office**

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# 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): <u>23546</u>

### 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.

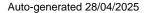
# **Applications Tested**

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



250kDa 150kDa 100kDa 75kDa
50kDa
37kDa
 25kDa 20kDa
15kDa
10kDa

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