

## UK Office

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

## EB07430 - Goat Anti-SV2A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SV2A, synaptic vesicle glycoprotein 2A, KIAA0736, SV2, synaptic vesicle glycoprotein 2

**Official Symbol:** SV2A

**Accession Number(s):** NP\_055664.3

**Human GeneID(s):** [9900](#)

**Non-Human GeneID(s):** 64051 (mouse), 117559 (rat)

### Immunogen

Peptide with sequence C-TVELYPSDKRTTA, from the internal region of the protein sequence according to NP\_055664.3.

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 80kDa band observed in Rat Brain lysates (calculated MW of 82.6kDa according to rat NP\_476558.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 28kDa. This band was successfully blocked by incubation with the immunising peptide.

### Species Reactivity

**Tested:** Rat

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

EB07430 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.