



## International Office

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diagnostic or therapeutic use.**

## EB05502 - Goat Anti-BAG4 / SODD Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BAG4, BCL2-associated athanogene 4, SODD, BAG-4, silencer of death domains, BAG-family molecular chaperone regulator-4

**Official Symbol:** BAG4

**Accession Number(s):** NP\_004865.1

**Human GeneID(s):** [9530](#)

**Non-Human GeneID(s):** 67384 (mouse)

### Immunogen

Peptide with sequence SALRRSGYGPSDGP-C, from the N Terminus of the protein sequence according to NP\_004865.1.

### 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:** Western Blot: Preliminary experiments gave an approx 70kDa band in Human Brain lysates at 0.2ug/ml, this band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 53kDa according to NP\_004865. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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