

## UK Office

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

## EB09032 - Goat Anti-SODD Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** BAG4

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

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

### Immunogen

Peptide with sequence C-GNATSDHPNNQDQSS, from the internal region of the protein sequence according to NP\_004865.1.

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 1:8000.

**Western blot:** Approx. 60kDa band observed in cell lines HEK293 and HeLa lysates (calculated MW of 49.6kDa according to NP\_004865.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Takada et al, Mol Cell Biol. 2003 Jun;23(11):4026-33.; PMID: 12748303). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 20kDa. This band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/ml.

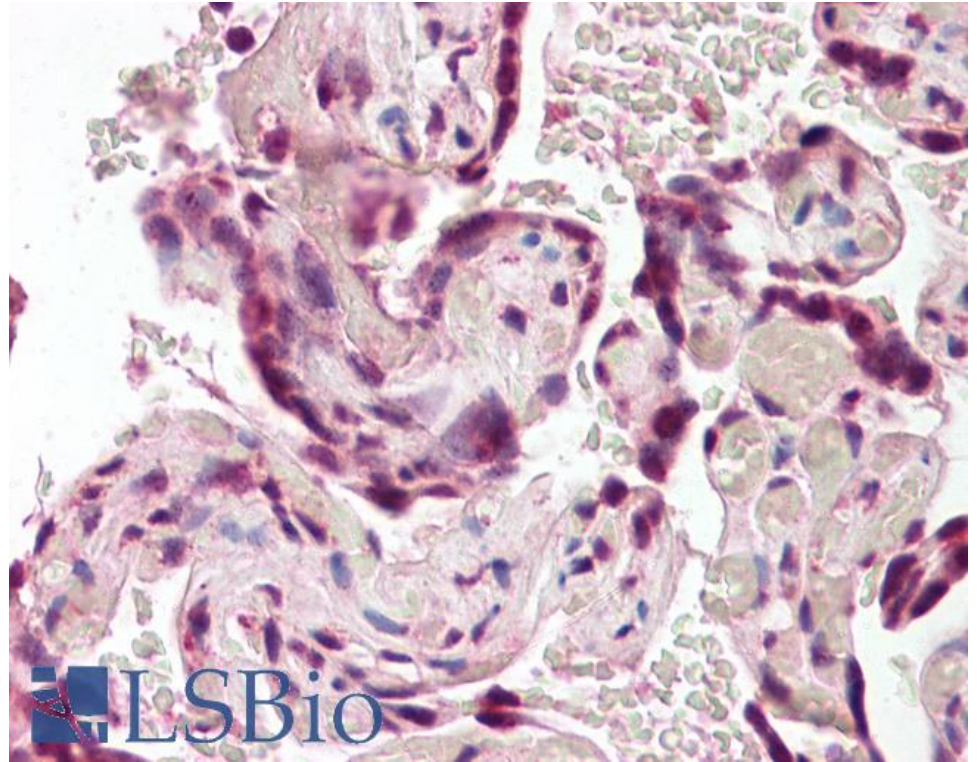
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB09032 (1 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB09032 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.