



## UK Office

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

## EB05175 - Goat Anti-BAIAP2 (isoform 3) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BAIAP2, BAP2, IRSP53, BAI1-associated protein 2, FLAF3, brain-specific angiogenesis inhibitor 1-associated protein 2, fas ligand-associated factor 3, insulin receptor substrate p53, insulin receptor substrate p53/p58

**Official Symbol:** BAIAP2

**Accession Number(s):** NP\_006331.1

**Human GeneID(s):** [10458](#)

**Important Comments:** This antibody will recognise only one of three reported isoforms (NP\_006331.1).

### Immunogen

Peptide with sequence C-SMSSADVEVARF, from the C Terminus of the protein sequence according to NP\_006331.1.

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:** In transfected HEK293 transiently expressing full-length Human BAIAP2 (myc and DYKDDDDK tagged), a band of approx. 60kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. Recommended concentration, 1-2µg/ml.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow

HEK293 lysate (10ug protein in RIPA buffer) over expressing Human BAIAP2 with DYKDDDDK tag probed with EB05175 (1.0 ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with EB05175 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

EB05175 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.