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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.

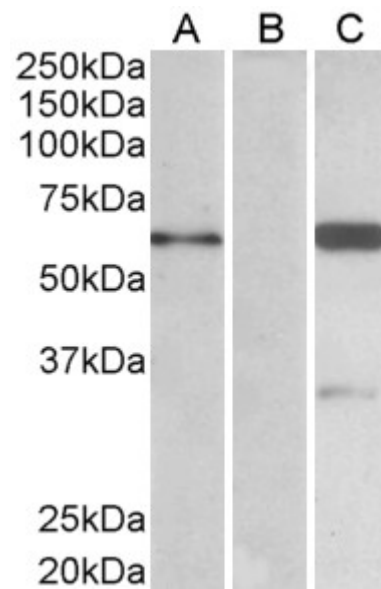
Western blot: In transfected HEK293 transiently expressing full-length Human BAIAP2 (myc and DYKDDDDK tagged), a band of approx. 60kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. Recommended concentration, 1-2µg/ml.

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

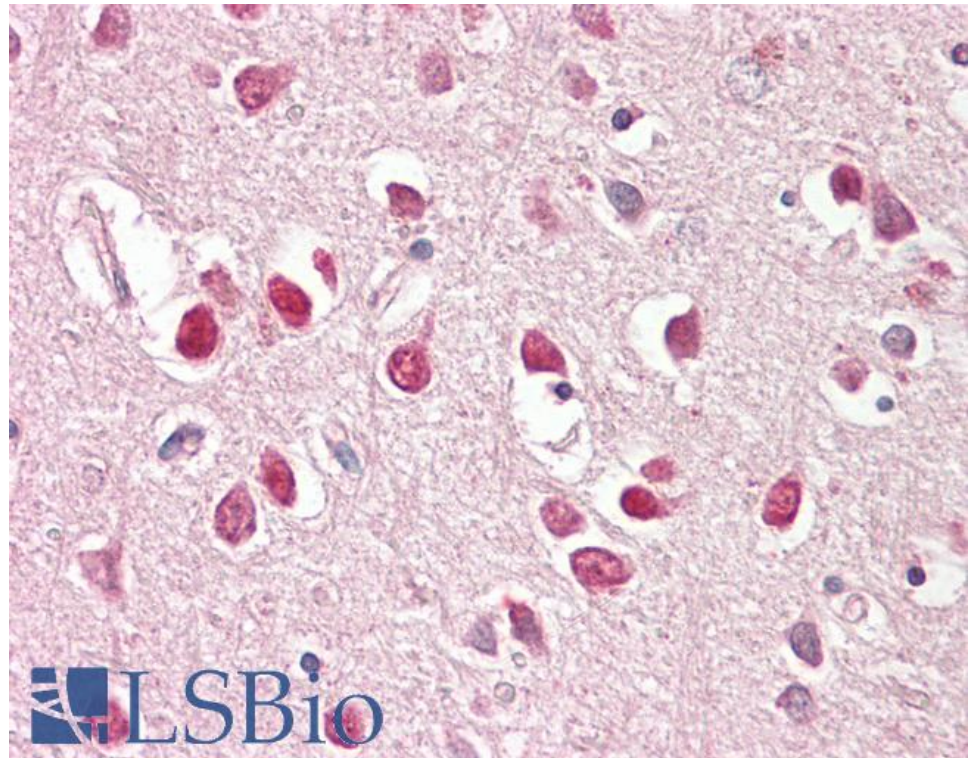
Species Reactivity

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.