

Goat anti-BAIAP2 (isoform 1) Antibody

Item Number	dAP-0409
Target Molecule	Principle Name: BAIAP2 (isoform 1); Official Symbol: BAIAP2; All Names and Symbols: BAIAP2; BAI1-associated protein 2; BAP2; IRS53; FLAF3; brain-specific angiogenesis inhibitor 1-associated protein 2; fas ligand-associated factor 3; insulin receptor substrate p53; insulin receptor substrate p53/p58; Accession Number (s): NP_059344.1; Human Gene ID(s): 10458; Non-Human GenID(s): 108100 (mouse) 117542 (rat)
Immunogen	SGSGTLVSTV, is from C Terminus This antibody is expected to recognise only human isoform 1 according to NP_059344.1.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Brain lysates (calculated MW of 57.4kDa according to NP_059344.1). Recommended for use at 1-3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.
Reference	Reference(s): Oda K, Shiratsuchi T, Nishimori H, Inazawa J, Yoshikawa H, Taketani Y, Nakamura Y, Tokino T. Identification of BAIAP2 (BAI-associated protein 2), a novel human homologue of hamster IRS53, whose SH3 domain interacts with the cytoplasmic domain of BAI1. <i>Cytogenet Cell Genet</i> . 1999;84(1-2):75-80.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**