

Goat anti-STAP2 / BKS Antibody

Item Number	dAP-0522
Target Molecule	Principle Name: STAP2 / BKS; Official Symbol: STAP2; All Names and Symbols: STAP2; BKS; STAP-2; FLJ20234; breast tumor kinase substrate; brk kinase substrate; signal-transducing adaptor protein-2; signal transducing adaptor family member 2; Accession Number (s): NP_060190.2; NP_001013863.1; Human Gene ID(s): 55620; Non-Human GeneID(s):
Immunogen	ELQKKLEKRRRALEH, is from C Terminus This antibody is expected to recognise isoforms 1 (NP_060190.2) and isoform 2 (NP_001013863.1).
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Heart lysates and 45kDa band observed in Human Breast Lysates (calculated MW of 49.6kDa according to NP_060190 and of NP_001013863.1). Recommended concentration: 0.5-1.5µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Brain (Cortex) shows textured cytoplasm staining in neuronal bodies and processes. Recommended concentration, 1-2µg/ml. Data obtained from previous batch (goat).
Reference	Reference(s): Minoguchi M, Minoguchi S, Aki D, Joo A, Yamamoto T, Yumioka T, Matsuda T, Yoshimura A. STAP-2/BKS, an adaptor/docking protein, modulates STAT3 activation in acute-phase response through its YXXQ motif. J Biol Chem. 2003 Mar 28;278(13):11182-9. Epub 2003 Jan

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 ender users! This product is sold for **Research Use Only**