

Goat anti-SH2-B / SH2B1 (isoform2) Antibody

Item Number	dAP-0331
Target Molecule	Principle Name: SH2-B / SH2B1 (isoform2); Official Symbol: SH2B1; All Names and Symbols: SH2B1; SH2B; SH2-B; DKFZP547G1110; SH2-B homolog; SH2-B alpha signaling protein; SH2-B gamma signaling protein; likely ortholog of mouse SH2 domain-containing putative adapter SH2-B; SH2B adaptor protein 1; DKFZp547G1110; FLJ30542; KIAA1299; PSM; SH2 doma; Accession Number (s): NP_056318.2; Human Gene ID(s): 25970; Non-Human GeneID(s): 20399 (mouse)
Immunogen	PFGASDCVTDHLP, is from C Terminus This antibody is expected to recognise isoform 2 (NP_056318.2) only. Reported variants represent identical protein (NP_001139268.1; NP_056318.2; NP_001139284.1).
Applications	Pep ELISA Species Tested:
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 45-48kDa band in human heart lysate at 1ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of 70.6kDa according to NP_056
IHC	
Reference	Reference(s): O'Brien KB, O'Shea JJ, Carter-Su C. SH2-B family members differentially regulate JAK family tyrosine kinases. J Biol Chem 2002 Mar 8;277(10):8673-81.PMID: 11751854->

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**