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diagnostic or therapeutic use.**

EB05094 - Goat Anti-SH2-B / SH2B1 (isoform2) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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 domain-containing protein 1B, SH2-B signaling protein, pro-rich, PH and SH2 domain-containing signaling mediator

Official Symbol: SH2B1

Accession Number(s): NP_056318.2

Human GeneID(s): [25970](#)

Non-Human GeneID(s): 20399 (mouse)

Important Comments: 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).

Immunogen

Peptide with sequence PFGASDCVTDHLP, from the C Terminus of the protein sequence according to NP_056318.2.

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 1:32000.

Western blot: Preliminary experiments gave an approx 45-48kDa band in human heart lysate at 1µg/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_056318.1. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow