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**Research Use Only. Not for  
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; NP\_001295223.1

**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; NP\_001295223.1.

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 1:32000.

**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.

### Species Reactivity

**Tested:**

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