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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08724 - Goat Anti-BIN1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BIN1, bridging integrator 1, AMPH2, AMPHL, DKFZp547F068, MGC10367, SH3P9, amphiphysin II, amphiphysin-like, box dependant MYC interacting protein 1

Official Symbol: BIN1

Accession Number(s): NP_004296.1; NP_647593.1; NP_647594.1; NP_647595.1; NP_647596.1; NP_647597.1; NP_647598.1; NP_647599.1; NP_647600.1; NP_647601.1

Human GeneID(s): [274](#)

Non-Human GeneID(s): 30948 (mouse), 117028 (rat)

Important Comments: This antibody is expected to recognise all ten reported isoforms (NP_647593.1, NP_647594.1, NP_647595.1, NP_647596.1, NP_647597.1, NP_647598.1, NP_647599.1, NP_004296.1, NP_647600.1, NP_647601.1).

Immunogen

Peptide with sequence C-SDNAPAKGNKSPS, from the internal region of the protein sequence according to NP_004296.1; NP_647593.1; NP_647594.1; NP_647595.1; NP_647596.1; NP_647597.1; NP_647598.1; NP_647599.1; NP_647600.1; NP_647601.1.

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 1:1000.

Western blot: Experiments gave bands at approx 70kDa and 60kDa in Human Skeletal Muscle lysates after 0.1µg/ml antibody staining. These bands correspond to earlier findings in literature with different antibodies (Chang et al, Cancer Res. 2007 Jan 1;67(1):100-7.; PMID: 17210688). This protein has a calculated MW of 64.7kDa according to NP_647593.1. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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



EB08724 (0.1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence