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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 GenelD(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\_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**

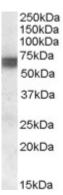
Peptide ELISA: antibody detection limit dilution 1:1000.

**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 (0.1 $\mu$ g/ml) staining of Human Skeletal Muscle lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence