

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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