

## UK Office

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

## EB05486 - Goat Anti-BAG3 / BIS/ CAIR1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BAG3, BCL2-associated athanogene 3, BIS, BAG-3, CAIR-1, MGC104307, DKFZp434E0610, Bcl-2-binding protein, docking protein CAIR-1, BCL2-binding athanogene 3, BAG-family molecular chaperone regulator-3

**Official Symbol:** BAG3

**Accession Number(s):** NP\_004272.2

**Human GeneID(s):** [9531](#)

### Immunogen

Peptide with sequence C-SSMTDTPGNPAAP, from the C Terminus of the protein sequence according to NP\_004272.2.

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 1:8000.

**Western blot:** Approx 85kDa band observed in Human Skeletal Muscle lysates (calculated MW of 61.6kDa according to NP\_004272.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Iwasaki et al, Cancer Res. 2007 Nov 1;67(21):10252-9. PMID: 17974966). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** Paraffin embedded Human Placenta, Skeletal Muscle and Heart. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB05486 (0.1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB05486 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05486 (3.75µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05486 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.