

## UK Office

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

## EB06481 - Goat Anti-CASP4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CASP4, TX, ICH-2, Mih1/TX, ICEREL-II, ICE(rel)II, caspase 4, apoptosis-related cysteine protease, apoptotic cysteine protease Mih1/TX, caspase 4

**Official Symbol:** CASP4

**Accession Number(s):** NP\_001216.1; NP\_150649.1

**Human GeneID(s):** [837](#)

**Important Comments:** This antibody is expected to recognise both isoforms of CASP4 (alpha, represented by NP\_001216.1 and gamma, NP\_150649.1).

### Immunogen

Peptide with sequence CKERAEIYPIKERN, from the internal region of the protein sequence according to NP\_001216.1; NP\_150649.1.

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 1:16000.

**Western blot:** Approx 40kDa band observed in Human Heart lysates (calculated MW of 43.3kDa according to NP\_001216.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Cat, Dog, Cow

EB06481 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.