

## UK Office

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

## EB12165 - Goat Anti-Caspase 6 (alpha) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CASP6, caspase 6, apoptosis-related cysteine peptidase, MCH2, apoptotic protease MCH-2, caspase 6, apoptosis-related cysteine protease, caspase-6

**Official Symbol:** CASP6

**Accession Number(s):** NP\_001217.2; NP\_116787.1

**Human GeneID(s):** [839](#)

**Non-Human GeneID(s):** 12368 (mouse), 83584 (rat)

**Important Comments:** This antibody is expected to recognize reproted isoform alpha (NP\_001217.2) only. The immunizing peptide overlaps phosphorylated serine 257 and therefore this antibody is not expected to recognize the phosphorylated protein.

### Immunogen

Peptide with sequence NRKVSQRRVDFCKDP, from the internal region of the protein sequence according to NP\_001217.2; NP\_116787.1.

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

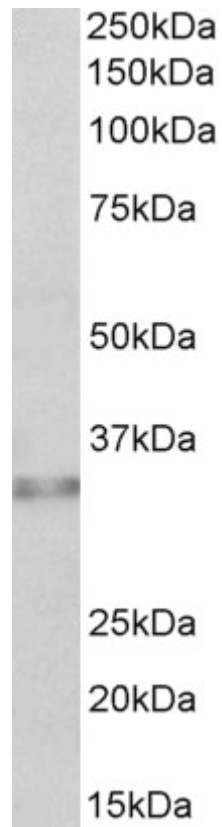
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 33kDa band observed in Human Colon lysates (calculated MW of 33.3kDa according to NP\_001217.2). Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB12165 (0.5 $\mu$ g/ml) staining of Human Colon lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.