

#### **UK Office**

#### **Everest Biotech Ltd**

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

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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 GenelD(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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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