

# Goat anti-Caspase 3 Antibody

Catalog No: tcva07286



## Available Sizes

**Size:** 100μg



## Specifications

**Application:**

Pep-ELISA, WB

**Research Area:**

cysteine protease; apoptosis; diabetes; Alzheimer's disease; Huntington disease; preproprotein

**Species Reactivity:**

Human, Mouse, Rat, Dog

**Host Species:**

Goat

**Immunogen / Amino acids:**

C-RDVSKEDHSKRS

**Conjugation:**

Unconjugated

**Form:**

Liquid

**Storage Buffer:**

Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Concentration:**

0.5 mg/ml in 200 μl

**Recommended Dilution:**

Western Blot: Approx 32kDa band observed in lysates of cell line MOLT4 and in Mouse Liver lysates (calculated MW of 31.6kDa according to Human NP\_004337.2 and 31.4kDa according to Mouse NP\_033940.1 NP\_001271338.1). An additional band of 65kDa was also consistently observed in MOLT4 and was successfully

blocked by incubation with the immunizing peptide. Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:32000.

**Amino Acid Sequence:**

NP\_004337.2; NP\_116786.1

**Storage Instruction:**

Aliquot store at -20C. Avoid freeze / thaw cycles.

**Alternative Names:**

CASP3; caspase 3; caspase 3, apoptosis-related cysteine protease; HGNC:1504; caspase 3, apoptosis-related cysteine peptidase; CPP32; CPP32B; SCA-1; PARP cleavage protease; SREBP cleavage activity 1; Yama; apopain; cysteine protease CPP32; procaspase3

**Gene ID:**

836 (human);

**Reference Sequence No.:**

NP\_004337.2; NP\_116786.1

**Calculated Molecular Weight:**

31.6

**Purification:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide

**Positive Control:**

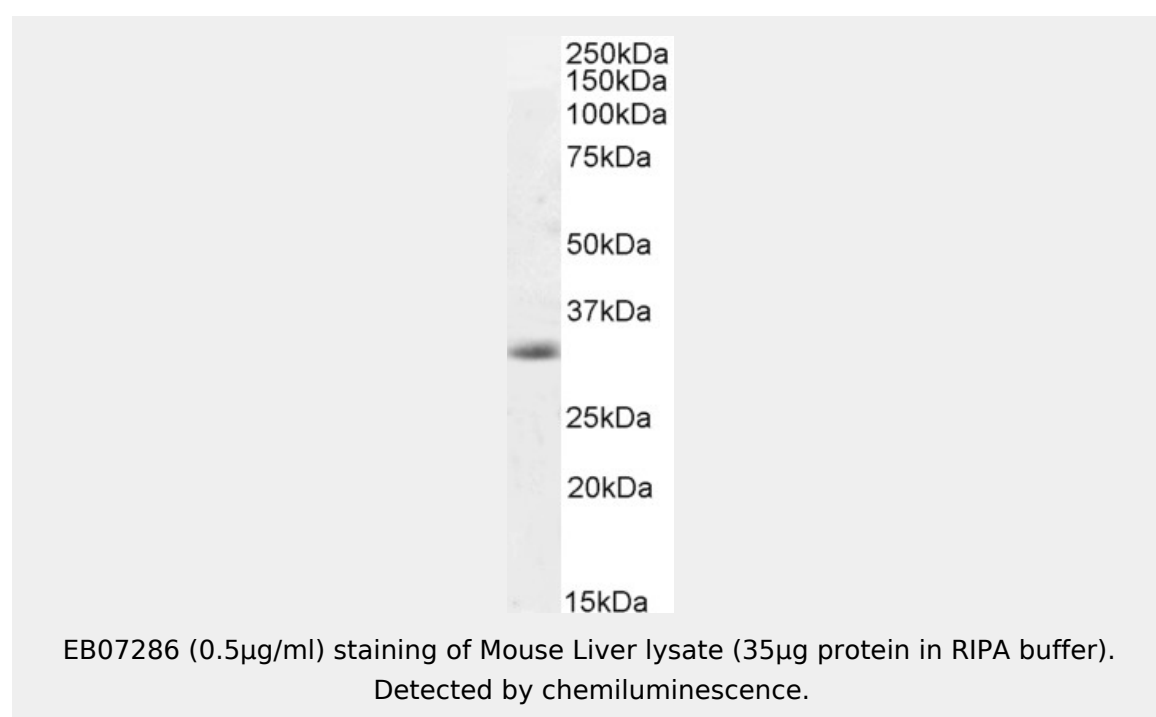
tcva07286p

**Notes**

This antibody is expected to recognise both reported isoforms (NP\_004337.2 and NP\_116786.1).

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