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

EB09526 - Goat Anti-Calponin 3 / CNN3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CNN3, calponin 3, acidic, calponin 3, calponin, acidic, dJ639P13.2.2 (acidic calponin 3)

Official Symbol: CNN3

Accession Number(s): NP_001830.1

Human GeneID(s): [1266](#)

Immunogen

Peptide with sequence C-HGEYQDDYPRDYQYS, from the C Terminus of the protein sequence according to NP_001830.1.

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 1:64000.

Western blot: Approx 37kDa band observed in Human Duodenum, Heart and Kidney lysates (calculated MW of 36.4kDa according to NP_001830.1). Recommended concentration: 0.2-0.6µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Lung (Bronchus). Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB09526 (0.3µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09526 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.