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

EB11449 - Goat Anti-Gelsolin (isoform a) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: actin-depolymerizing factor, ADF, AGEL, brevin, DKFZp313L0718, gelsolin, OTTHUMP00000022011, OTTHUMP00000022014, OTTHUMP00000162202, GSN

Official Symbol: GSN

Accession Number(s): NP_000168.1; NP_937895.1; NP_001121138.1

Human GeneID(s): [2934](#)

Important Comments: This antibody is expected to recognize isoform a (NP_000168.1) only. Reported variants represent identical protein: NP_001121138.1, NP_001121139.1. Reported variants represent identical protein: NP_001121135.1, NP_937895.1, NP_001121134.1, NP_001121137.1, NP_001121136.1

Immunogen

Peptide with sequence PQGRVPEARPNS-C, from the N Terminus of the protein sequence according to NP_000168.1; NP_937895.1; NP_001121138.1.

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 100kDa band observed in Human Colon, Duodenum, Heart and Skeletal Muscle lysates (calculated MW of 85.7kDa according to NP_000168.1).

Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB11449 (1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.