

International Office

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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 GenelD(s): <u>2934</u>

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.

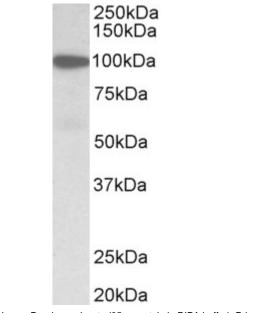
Applications Tested

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.