

Goat anti-Gelsolin (isoform a) Antibody

Item Number	dAP-2646
Target Molecule	Principle Name: Gelsolin (isoform a); Official Symbol: GSN; All Names and Symbols: GSN; gelsolin; ADF; AGEL; DKFZp313L0718; OTTHUMP00000022011; OTTHUMP00000022014; OTTHUMP00000162202; actin-depolymerizing factor; brevin; Accession Number (s): NP_000168.1; NP_937895.1; NP_001121138.1; Human Gene ID(s): 2934; Non-Human GenelD(s):
Immunogen	PQGRVPEARPNS, is from N Terminus 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:
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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.
IHC	
Reference	Reference(s): An JH, Kim JW, Jang SM, Kim CH, Kang EJ, Choi KH. Gelsolin negatively regulates the activity of tumor suppressor p53 through their physical interaction in hepatocarcinoma HepG2 cells. Biochem Biophys Res Commun. 2011 Aug 19;412(1):44-9.. PMID: 21801713->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**