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

EB10274 - Goat Anti-ARTN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: artemin, ENOVIN, EVN, NBN, neublastin, neurotrophic factor, neurotrophic factor artemin, ARTN

Official Symbol: ARTN

Accession Number(s): NP_003967.2; NP_476501.1; NP_476431.2

Human GeneID(s): [9048](#)

Non-Human GeneID(s): 11876 (mouse), 362572 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms (NP_003967.2; NP_476501.1; NP_476431.2). Reported variants represent identical protein: NP_476431.2, NP_001129687.1 Reported variants represent identical protein: NP_003967.2, NP_476432.2

Immunogen

Peptide with sequence C-NSTWRTVDRLS, from the internal region of the protein sequence according to NP_003967.2; NP_476501.1; NP_476431.2.

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

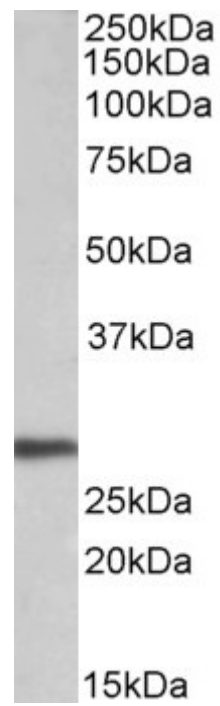
Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 28kDa band observed in lysates of cell lines HEK293, HepG2 and Kelly (calculated MW of 22.9kDa according to NP_003967.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Pandey et al, Endocrinology. 2010 Mar;151(3):909-20; PMID: 20118197). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB10274 (0.1µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.