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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

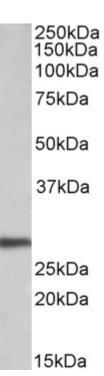
Endocrinology. 2010 Mar, 131(3).909-20, FMID. 2011619.

concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



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