

Goat anti-ARTN Antibody

Item Number	dAP-2301
Target Molecule	Principle Name: ARTN; Official Symbol: ARTN; All Names and Symbols: ARTN; artemin; ENOVIN; EVN; NBN; neublastin; neurotrophic factor; neurotrophic factor artemin; Accession Number (s): NP_003967.2; NP_476501.1; NP_476431.2; Human Gene ID(s): 9048; Non-Human GenelD(s): 11876 (mouse) 362572 (rat)
Immunogen	NSTWRTVDRRLS, is from internal region 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
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 8000.
Western Blot	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)
IHC	
Reference	Reference(s): Pandey V, Qian PX, Kang J, Perry JK, Mitchell MD, Yin Z, Wu ZS, Liu DX, Zhu T, Lobie PE, Arthemin stimulates oncogenicity and invasiveness of human endometrial carcinoma cells. <i>Endocrinology</i> 2010 Mar 151 (3): 909-20..PMID: 20118197->

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 end users! This product is sold for **Research Use Only**