

Goat anti-NDRG1, Biotinylated Antibody

Item Number	dAP-3316
Target Molecule	Principle Name: NDRG1, Biotinylated; Official Symbol: NDRG1; All Names and Symbols: NDRG1; N-myc downstream regulated 1; CAP43; CMT4D; DRG-1; DRG1; GC4; HMSNL; NDR1; NMSL; PROXY1; RIT42; RTP; TARG1; TDD5; N-myc downstream-regulated gene 1 protein; differentiation-related gene 1 protein; nickel-specific induction protein Cap43; protein re; Accession Number (s): NP_006087.2; Human Gene ID (s): 10397; Non-Human GeneID(s): 17990 (mouse)
Immunogen	GNSAGPKSMEVSC., is from C Terminus Reported variants represent identical protein: NP_006087.2, NP_001128714.1
Applications	Pep ELISA, WB, IHC 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 32000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Kidney lysates (calculated MW of 42.8kDa according to NP_006087.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 2-4µg/ml.
IHC	
Reference	Reference(s): Zhou D, Salnikow K, Costa M. Cap43, a novel gene specifically induced by Ni ²⁺ compounds. Cancer research 1998 May 58 (10): 2182-9. PMID: 9605764->

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**