

Goat anti-NDRG2 Antibody

Item Number	dAP-2342
Target Molecule	Principle Name: NDRG2; Official Symbol: NDRG2; All Names and Symbols: NDRG2; NDRG family member 2; DKFZp781G1938; FLJ25522; KIAA1248; SYLD; N-myc downstream regulator 2; NDR1-related protein NDR2; OTTHUMP00000164405; OTTHUMP00000164406; OTTHUMP00000164407; OTTHUMP00000164408; cytoplasmic protein Ndr1; protein NDRG2; syld709; Accession Number (s): NP_963293.1; Human Gene ID(s): 57447; Non-Human GeneID(s): 29811 (mouse) 171114 (rat)
Immunogen	KEAELAARILLDQGQ, is from N Terminus (near) This antibody is expected to recognize reported isoform a (NP_963293.1) only. Reported variants represent identical protein: NP_963831.1, NP_963293.1, NP_963834.1, NP_963833.1.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 16000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Brain (Temporal Cortex), Mouse and Rat Brain lysates (calculated MW of 40.8kDa according to NP_963293.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Shi H, Li N, Li S, Chen C, Wang W, Xu C, Zhang J, Jin H, Zhang H, Zhao H, Song W, Feng Q, Feng X, Shen X, Yao L, Zhao Q, Expression of NDRG2 in esophageal squamous cell carcinoma. Cancer science 2010 May 101 (5): 1292-9..PMID: 20331630->

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**