

Rabbit anti-Human NDRG1 Polyclonal Antibody | anti-NDRG1 antibody

Anti-NDRG1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45057	Rabbit	Human	Immunohistochemistry, Western Blot

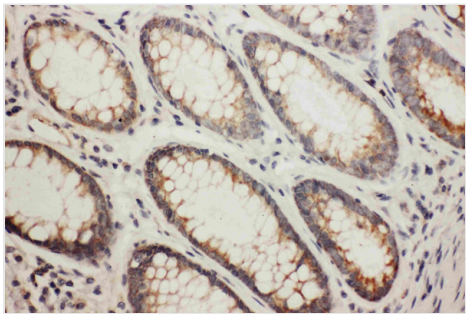
PRODUCT SYNONYMS

NDRG1; Polyclonal Antibody; Anti-NDRG1 antibody; Protein NDRG1; N-myc downstream regulated 1; 42 kDa antibody; Anti GC4 antibody; cap43 antibody; cmt4d antibody; Differentiation related gene1 protein antibody; Differentiation-related gene 1 protein antibody; Drg 1 antibody; DRG-1 antibody; drg1 antibody; gc4 antibody; GC4 antibody antibody; hmsnl antibody; Human mRNA for RTP complete cds antibody; N myc downstream regulated gene 1 antibody; N myc downstream regulated gene 1 protein antibody; N-myc downstream-regulated gene 1 protein antibody; Ndr 1 antibody; ndr1 antibody; NDRG 1 antibody; Ndrg1 antibody; NDRG1 protein antibody; NDRG1_HUMAN antibody; Nickel specific induction protein antibody; Nickel specific induction protein Cap43 antibody; Nickel-specific induction protein Cap43 antibody; nmsl antibody; Nmyc downstream regulated antibody; Nmyc downstream regulated gene1 antibody; Nmyc downstream regulated gene1 protein antibody; Protein NDRG1 antibody; Protein regulated by oxygen 1 antibody; Protein regulated by oxygen1 antibody; proxy1 antibody; Reduced in tumor antibody; reducin antibody; Reducing agents and tunicamycin responsive protein antibody; Reducing agents and tunicamycin-responsive protein antibody; rit42 antibody; rtp antibody; targ1 antibody; TDD5 antibody; tdds antibody; Tunicamycin responsive protein antibody; tunicamycin-responsive protein antibody; anti-NDRG1 antibody

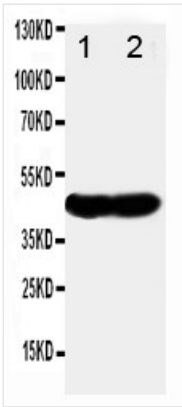
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	394
Applicable Applications for anti-NDRG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human NDRG1 (194-214aa HLFGEEMQSNVEVVHTYRQH).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-NDRG1 antibody, AAA45057, IHC(P)IHC(P): Human Rectal Cancer Tissue



WB (Western Blot)
Anti-NDRG1 antibody, AAA45057, Western blottingLane 1: SMMC Nucleus Cell LysateLane 2: SMMC Cytoplasm Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-NDRG1 antibody	Description: Rabbit IgG polyclonal antibody for Protein NDRG1(NDRG1) detection. Tested with WB, IHC-P in Human. Background: Protein NDRG1 is a protein that in humans is encoded by the NDRG1 gene. It is a member of the N-myc downregulated gene family which belong to the alpha/beta hydrolase superfamily. The NDRG1 gene is mapped to chromosome 8q24. It has got a deduced 394 amino acid protein with a molecular mass of 43kD. NDRG1 is expressed in the cytoplasm and basolateral membranes of gut lumen surface epithelial cells. The protein appears to play a vital role in growth arrest and cell differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6166568
NCBI GeneID	10397
UniProt Accession #	Q92597; O15207; Q6IBG2; Q9NYR6; Q9UK29; B3KR80; B7Z446
Molecular Weight	33,650 Da
NCBI Official Full Name	Protein NDRG1
NCBI Official Synonym Full Names	N-myc downstream regulated 1
NCBI Official Symbol	NDRG1
NCBI Official Synonym Symbols	GC4; RTP; DRG1; NDR1; NMSL; TDD5; CAP43; CMT4D; DRG-1; HMSNL; RIT42; TARG1; PROXY1
NCBI Protein Information	protein NDRG1; protein regulated by oxygen-1; differentiation-related gene 1 protein; nickel-specific induction protein Cap43; N-myc downstream-regulated gene 1 protein; reducing agents and tunicamycin-responsive protein
UniProt Protein Name	Protein NDRG1
UniProt Gene Name	NDRG1
UniProt Synonym Gene Names	CAP43; DRG1; RTP; DRG-1; RTP
UniProt Entry Name	NDRG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.