

Rabbit NDRG1 Polyclonal Antibody | anti-NDRG1 antibody

NDRG1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199840	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

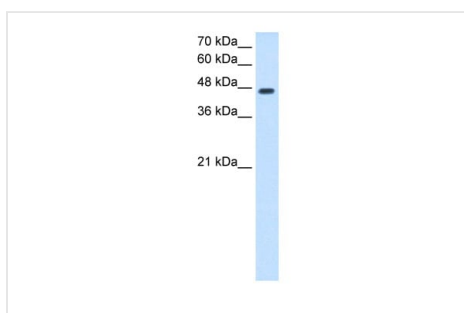
PRODUCT SYNONYMS

NDRG1; Polyclonal Antibody; NDRG1 antibody - N-terminal region; anti-NDRG1 antibody

PRODUCT SPECIFICATIONS

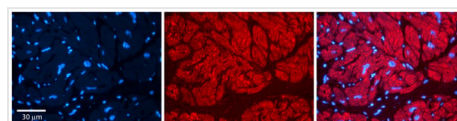
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS REMQDVLAE VKPLVEKGET ITGLLQEFDV QEQDIETLHG SVHVTLCG
Sequence Length	394
Applicable Applications for anti-NDRG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NDRG1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-NDRG1 Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-NDRG1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-NDRG1 antibody	This is a rabbit polyclonal antibody against NDRG1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: NDRG1 is a member of the N-myc downregulated protein family which belongs to the alpha/beta hydrolase superfamily. NDRG1 is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. Mutation in its gene has been reported to be causative for hereditary motor and sensory neuropathy-Lom.This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. Mutation in this gene has been reported to be causative for hereditary motor and sensory neuropathy-Lom.
Product Categories/Family for anti-NDRG1 antibody	Polyclonal; Disease Related; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	37655183
NCBI GeneID	10397
NCBI Accession #	NP_006087
NCBI GenBank Nucleotide #	NM_006096
UniProt Accession #	Q92597
Molecular Weight	43kDa
NCBI Official Full Name	protein NDRG1 isoform 1
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
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.