

Rabbit NDRG2 Polyclonal Antibody | anti-NDRG2 antibody

NDRG2 Antibody

CATALOG # AAA326975	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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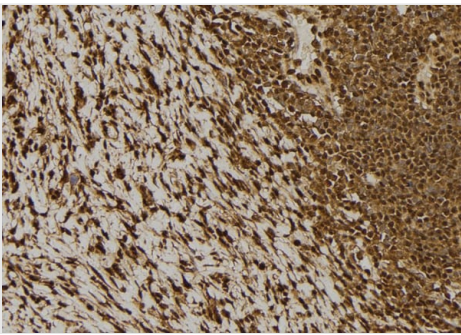
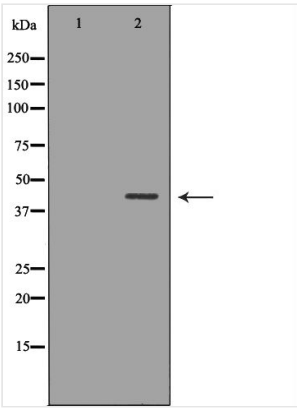
PRODUCT SYNONYMS

NDRG2; Polyclonal Antibody; NDRG2 Antibody; Antidepressant related protein ADRG123; Cytoplasmic protein Ndr1; DKFZp781G1938; FLJ25522; KIAA1248; N myc downstream regulated gene 2; N myc downstream regulator 2; NDR1 related protein NDR2; NDRG 2; NDRG family member 2; NDRG1 related protein; NDRG2_HUMAN; Protein NDRG2; Protein Syld709613; SYLD; Syld709613 protein; anti-NDRG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NDRG2 antibody detects endogenous levels of total NDRG2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-NDRG2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NDRG2
Subcellular Location	Cytoplasm. Cytoplasm > Perinuclear Region. Perinuclear in neurons.
Tissue Specificity	Highly expressed in brain, heart, skeletal muscle and salivary gland, and moderately in kidney and liver. Expressed in dendritic cells, but not in other blood cells. Expression levels are low in pancreatic and liver cancer tissues; absent in meningioma. Expressed in low-grade gliomas but present at low levels in glioblastoma. Isoform 1 and isoform 2 are present in brain neurons and up-regulated in Alzheimer disease (at protein level).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326975 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of Hepg2 whole cell lysates, using NDRG2 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NDRG2 antibody	Description: 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 that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. Function: Contributes to the regulation of the Wnt signaling pathway. Down-regulates CTNNB1-mediated transcriptional activation of target genes, such as CCND1, and may thereby act as tumor suppressor. May be involved in dendritic cell and neuron differentiation. Subunit Structure: Interacts with CTNNB1. Similarity: Belongs to the NDRG family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	532524992
NCBI GeneID	57447
NCBI Accession #	NP_001269140.1
NCBI GenBank Nucleotide #	NM_001282211.1
UniProt Accession #	Q9UN36; Q567T1; Q68DW2; Q86U08; Q86U46; Q96FD3; B3KUE3; B4DE86; B7WP11; B7WPD5; D3DS07; D3DS10
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
NCBI Official Full Name	protein NDRG2 isoform c
NCBI Official Synonym Full Names	NDRG family member 2
NCBI Official Symbol	NDRG2
NCBI Official Synonym Symbols	SYLD
NCBI Protein Information	protein NDRG2
UniProt Protein Name	Protein NDRG2
UniProt Gene Name	NDRG2
UniProt Synonym Gene Names	KIAA1248; SYLD

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndrg2-antibody-immunohistochemistry-western-blot-elisa/326975>