

Rabbit NDRG3 Polyclonal Antibody | anti-NDRG3 antibody

NDRG3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324997	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NDRG3; Polyclonal Antibody; NDRG3 Antibody; FLJ13556; N myc downstream regulated gene 3; N-myc downstream-regulated gene 3 protein; NDRG family member 3; NDRG3_HUMAN; Protein Ndr3; Protein NDRG3; anti-NDRG3 antibody

PRODUCT SPECIFICATIONS

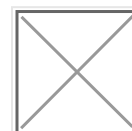
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NDRG3 antibody detects endogenous levels of total NDRG3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	363
Applicable Applications for anti-NDRG3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Ubiquitous. Highly expressed in brain.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (80%), Horse (90%), Sheep (80%), Rabbit (90%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using NDRG3 antibody.



IF (Immunofluorescence)

AAA324997 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA324997 at 1/100 staining Human kidney 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.

ADDITIONAL INFORMATION

Related Product Information for anti-NDRG3 antibody	Similarity: Belongs to the NDRG family.
References	Cui C, Lin H, Shi Y, Pan R; Journal: Biochem Biophys Res Commun. Hypoxic postconditioning attenuates apoptosis via inactivation of adenosine A2a receptor through NDRG3-Raf-ERK pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32130514
NCBI GeneID	57446
NCBI Accession #	NP_071922.2
NCBI GenBank Nucleotide #	NM_022477.3
UniProt Accession #	Q9UGV2; Q5TH32; Q96PL8; Q96SM2; Q9BXY7; Q9H3N7; Q9H411; Q9H8J6; A2A2S8; E1P5U7; E1P5U8
Molecular Weight	Observed: 45 kD Predicted: 42 kDa
NCBI Official Full Name	protein NDRG3 isoform b
NCBI Official Synonym Full Names	NDRG family member 3
NCBI Official Symbol	NDRG3
NCBI Protein Information	protein NDRG3
UniProt Protein Name	Protein NDRG3
UniProt Gene Name	NDRG3

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/ndrg3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324997>