

Product datasheet for **TA342549**

NDRG1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NDRG1 antibody: synthetic peptide directed towards the C terminal of human NDRG1. Synthetic peptide located within the following region: GSSVTSLDGTRSRSHSTSEGTRSRSHSTSEGTRSRSHSTSEGAHLDITPNSGA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	N-myc downstream regulated 1
Database Link:	NP_006087 Entrez Gene 10397 Human Q92597
Background:	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. The encoded protein is necessary for p53-mediated caspase activation and apoptosis. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4D, and expression of this gene may be a prognostic indicator for several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]



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Synonyms: CAP43; CMT4D; DRG-1; DRG1; GC4; HMSNL; NDR1; NMSL; PROXY1; RIT42; RTP; TARG1; TDD5

Note: Immunogen Sequence Homology: Dog: 100%; Human: 100%; Bovine: 100%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Zebrafish: 79%

Product images:



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