

Anti-NDRG1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 33/35/42 kDa. Actual: 45 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: HT1080 (Human) Cell Lysate at 30 µg
	Lane 2: U87MG (Human) Cell Lysate at 30 µg
	Lane 3: 293T (Human) Cell Lysate at 30 µg
	Primary: Anti-NDRG1 (TMAB-09299) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 48 kD
	Observed band size: 45 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human NDRG1
Antigen Species:	Human
Gene ID:	10397
Uniprot ID:	Q92597

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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