

Datasheet for ABIN7268784
anti-NDRG1 antibody (pSer330)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NDRG1
Binding Specificity:	pSer330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDRG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-NDRG1-S330 Rabbit pAb
Immunogen:	A synthetic phosphorylated peptide around S330 of human NDRG1 (NP_001128714.1).
Sequence:	TASGS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	NDRG1
---------	-------

Target Details

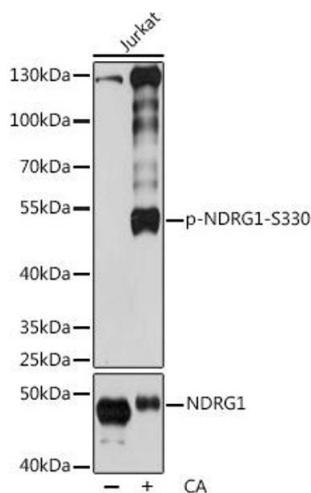
Alternative Name:	NDRG1 (NDRG1 Products)
Background:	This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. 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.,NDRG1,CAP43,CMT4D,DRG-1,DRG1,GC4,HMSNL,NDR1,NMSL,PROXY1,RIT42,RTP,TARG1,TDD5,Epigenetics & Nuclear Signaling,Cancer,Invasion and Metastasis,Signal Transduction,Neuroscience,Neurodegenerative Diseases,Cardiovascular,Angiogenesis,Protein phosphorylation,NDRG1
Molecular Weight:	33kDa/35kDa/42kDa
Gene ID:	10397
UniProt:	Q92597

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Jurkat cells, using Phospho-NDRG1-S330 pAb (ABIN7268784) at 1:2000 dilution or NDRG1 antibody (ABIN3023025, ABIN3023026, ABIN3023027 and ABIN6219353). Jurkat cells were treated by Calyculin A (100nM) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.