

**[KO Validated] NDRG1 Rabbit Polyclonal  
Antibody  
CAB18057**



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**Product Information**

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

48kDa

**Calculated MW:**

33kDa/35kDa/42kDa

**Applications:**

WB IF

**Reactivity:**

Human, Mouse, Rat

**Antibody Information**

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

**Protein 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.

**Immunogen information**

**Gene ID:**

10397

**Uniprot**

Q92597

**Synonyms:**

NDRG1; CAP43; CMT4D; DRG-1; DRG1; GC4; HMSNL; NDR1; NMSL; PROXY1; RIT42; RTP; TARG1; TDD5

**Immunogen:**

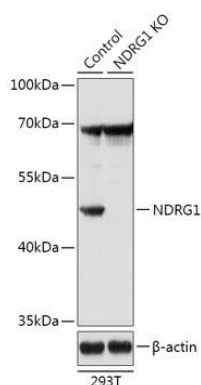
Recombinant fusion protein containing a sequence corresponding to amino acids 175-394 of human NDRG1 (NP\_001128714.1).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts from normal (control) and NDRG1 knockout (KO) 293T cells, using NDRG1 antibody (CAB18057) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.