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Datasheet for ABIN1535217  
**anti-NDRG4 antibody (AA 187-236)**

2 Images

### Overview

Quantity:	100 µL
Target:	NDRG4
Binding Specificity:	AA 187-236
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDRG4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human NDRG4.
Isotype:	IgG
Specificity:	NDRG4 Antibody detects endogenous levels of total NDRG4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

### Target Details

Target:	NDRG4
Alternative Name:	NDRG4 ( <a href="#">NDRG4 Products</a> )
Background:	Synonyms: Brain development-related molecule 1, Vascular smooth muscle cell-associated

## Target Details

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protein 8, SMAP-8  
NCBI Gene Symbol: NDRG4

Molecular Weight: 38 kDa

Gene ID: 65009

UniProt: [Q9ULP0](#)

## Application Details

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Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000

Comment: Unigene-Number: Hs.322430 (NCBI Gene Symbol: NDRG4)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

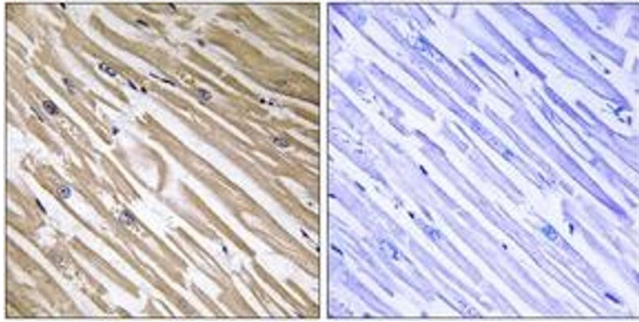
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

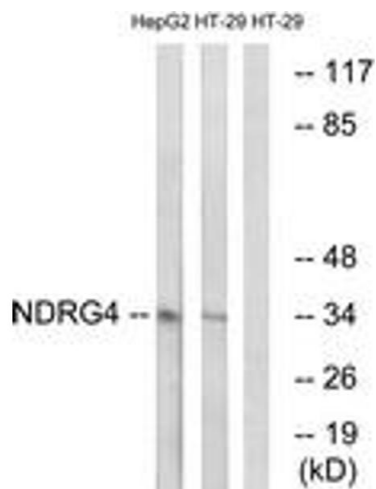
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



### Immunohistochemistry

**Image 1.** Immunohistochemistry analysis of paraffin-embedded human heart tissue, using NDRG4 Antibody. The picture on the right is treated with the synthesized peptide.



### Western Blotting

**Image 2.** Western blot analysis of extracts from HT-29/HepG2 cells, using NDRG4 Antibody. The lane on the right is treated with the synthesized peptide.