

Datasheet for ABIN676493
anti-NDRG2 antibody (AA 251-350)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NDRG2
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDRG2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NDRG2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NDRG2
Alternative Name:	NDRG2 (NDRG2 Products)

Target Details

Background:	<p>Synonyms: N-myc downstream regulated gene 2, NDRG2, KIAA1248, SYLD, Protein NDRG2, Protein Ndr2, NDRG1-related protein, Antidepressant-related protein ADRG123.N myc downstream regulated gene 2, N myc downstream regulator 2, NDR1 related protein NDR2, NDRG 2, NDRG family member 2, NDRG1 related protein, NDRG2, NDRG2_HUMAN, Protein NDRG2, Protein Syld709613, SYLD, Syld709613 protein, Antidepressant related protein ADRG123, Cytoplasmic protein Ndr1, DKFZp781G1938, FLJ25522, KIAA1248.</p> <p>Background: NDRG2 (NDRG family member 2) may be involved in dendritic cell and neuron differentiation. It is a cytoplasmic protein. Highly expressed in brain, heart, skeletal muscle and salivary gland, and moderately in kidney and liver. Expressed in dendritic cells, but not in other blood cells. Generally not expressed in tumor cell lines. Isoform 1 and isoform2 are present in brain neurons and up-regulated in Alzheimer disease (at protein level). Not expressed or strongly down-regulated in various cancer types, such as astrocytoma, meningioma, liver cancer and pancreatic cancer. May have anti-tumor activity. Belongs to the NDRG family.</p>
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Gene ID:	57447
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months