

Product Datasheet

NDRG1 Antibody NB300-839

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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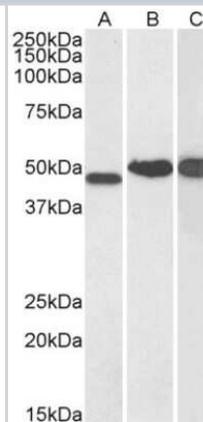
NB300-839

NDRG1 Antibody

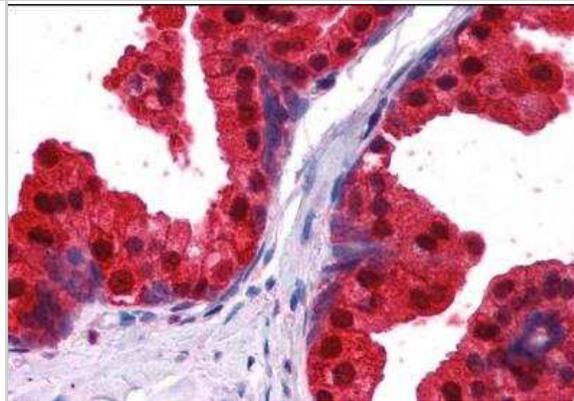
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	10397
Gene Symbol	NDRG1
Species	Human
Specificity/Sensitivity	The variants (NP_006087.2; NP_001128714.1) encode the same protein
Immunogen	Peptide with sequence GNSAGPKSMEVSC corresponding to C-Terminus according to NP_006087.2, NP_001128714.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 0.5 - 2 ug/ml, Immunohistochemistry-Paraffin 0.5-2 ug/ml, Peptide ELISA detection limit 1:32000
Application Notes	WB: Approx 48kDa band observed in Human Kidney, and approx 50kDa band observed in Human Brain (Cerebellum) and Testis lysates (calculated MW of 42.8kDa according to NP_006087.2). IHC-P: Human hepatocellular carcinoma shows strong labeling of membranes and weaker staining of cytoplasm. These observations are consistent with those obtained by different antibodies.

Images

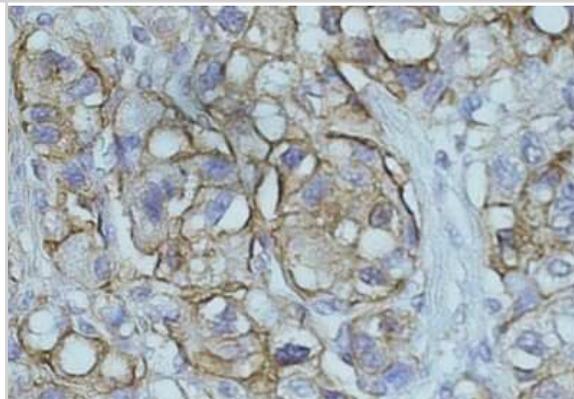
Western Blot: NDRG1 Antibody [NB300-839] - (0.1ug/ml) staining of Human Kidney (A), Cerebellum (B) and Testis (C) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



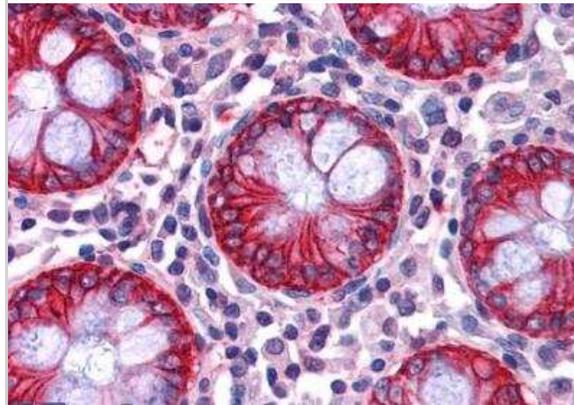
Immunohistochemistry-Paraffin: NDRG1 Antibody [NB300-839] - staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: NDRG1 Antibody [NB300-839] - (0.5ug/ml) staining of paraffin embedded Human hepatocellular carcinoma. Data obtained from C. Furer, Visceral Surgery, University of Bern, Switzerland.



Immunohistochemistry-Paraffin: NDRG1 Antibody [NB300-839] - staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Zhou D, Salnikow K, Costa M. Cap43, a novel gene specifically induced by Ni²⁺ compounds. Cancer Res 1998-05-15 [PMID: 9605764]



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Products Related to NB300-839

NBL1-13529	NDRG1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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