

Product Datasheet

NDRG1 Antibody - BSA Free

NBP1-86636

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

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NBP1-86636

NDRG1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

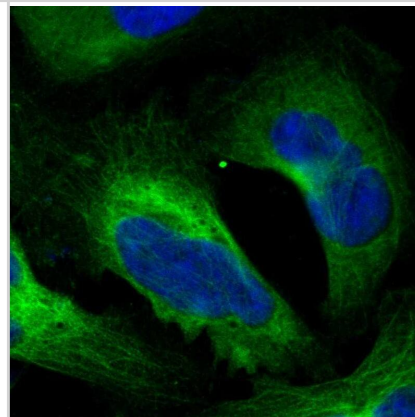
Product Description	
Description	Novus Biologicals Rabbit NDRG1 Antibody - BSA Free (NBP1-86636) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NDRG1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10397
Gene Symbol	NDRG1
Species	Human, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: INVNPCAEGWMDWAASKISGWTQALPDMVVSHLFGKEEMQSNVEVVHTYRQ HIVNDMNPGNLHLFINAYNSRRDLEIERPMPGTHTVTLQCPALLVVGDS SPAVD AVVECNSKLDPTKTLL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-P, Retrieval method: HIER pH6, ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

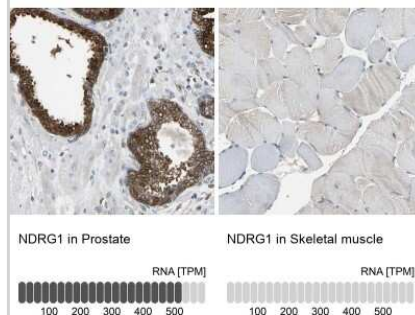


Images

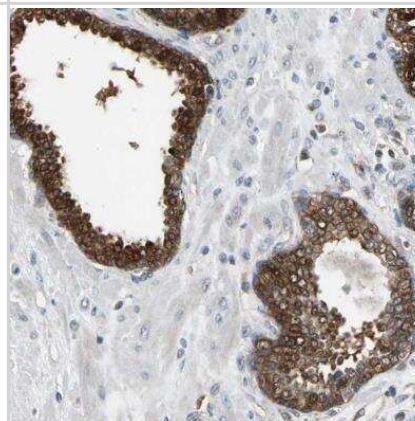
Staining of human cell line U-2 OS shows localization to cytosol & microtubules.



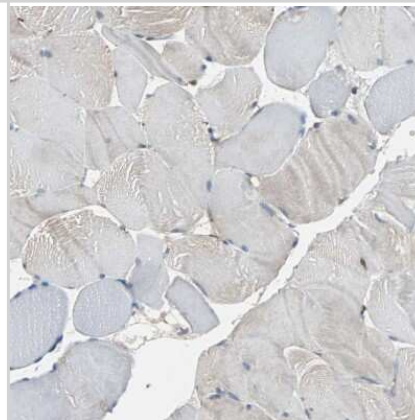
Immunohistochemistry-Paraffin: NDRG1 Antibody [NBP1-86636] - Analysis in human prostate and skeletal muscle tissues. Corresponding NDRG1 RNA-seq data are presented for the same tissues.



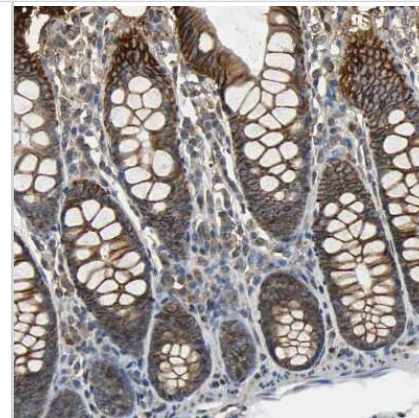
Immunohistochemistry-Paraffin: NDRG1 Antibody [NBP1-86636] - Staining of human prostate shows strong membranous positivity in glandular cells.



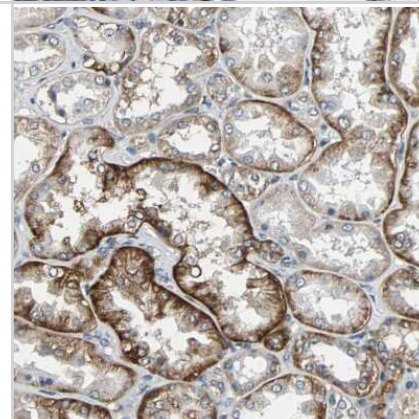
Immunohistochemistry-Paraffin: NDRG1 Antibody [NBP1-86636] - Staining of human skeletal muscle shows no membranous positivity in myocytes as expected.



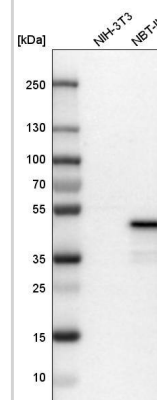
Immunohistochemistry-Paraffin: NDRG1 Antibody [NBP1-86636] - Staining of human colon shows strong membranous positivity in glandular cells.



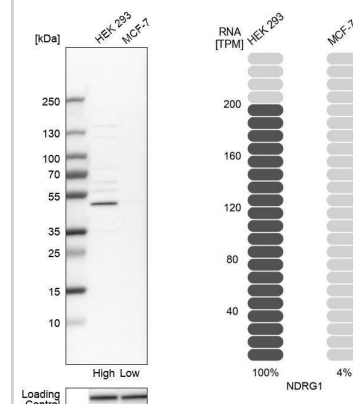
Immunohistochemistry-Paraffin: NDRG1 Antibody [NBP1-86636] - Staining of human kidney shows moderate membranous positivity in cells in tubules.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell lines HEK293 and MCF-7 using Anti-NDRG1 antibody. Corresponding NDRG1 RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



Publications

Rakopoulos P Investigating the role of H3. 3K27M during cellular transformation and differentiation. Thesis 2020-01-01 (WB, Mouse)

Mao Z, Sun J, Feng B et al. The Metastasis Suppressor, N-myc Downregulated Gene 1 (NDRG1), Is a Prognostic Biomarker for Human Colorectal Cancer. PLoS One 2013-01-01 [PMID: 23874544]

Lane DJ, Saletta F, Rahmanto YS et al. N-myc Downstream Regulated 1 (NDRG1) Is Regulated by Eukaryotic Initiation Factor 3a (eIF3a) during Cellular Stress Caused by Iron Depletion. PLoS One 2013-01-01 [PMID: 23437357]

Drogemuller C, Becker D, Kessler B et al. A deletion in the N-myc downstream regulated gene 1 (NDRG1) gene in Greyhounds with polyneuropathy. PLoS One 2010-06-01 [PMID: 20582309]

Schilling SH, Hjelmeland AB, Radloff DR et al. NDRG4 Is Required for Cell Cycle Progression and Survival in Glioblastoma Cells. J Biol Chem 2009-09-11 [PMID: 19592488]





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Products Related to NBP1-86636

NBP1-86636PEP	NDRG1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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