Product Datasheet

NDRG2 Antibody - BSA Free
NBP1-81424

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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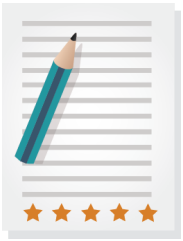
Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-81424

Updated 9/9/2025 v.20.1



NBP1-81424

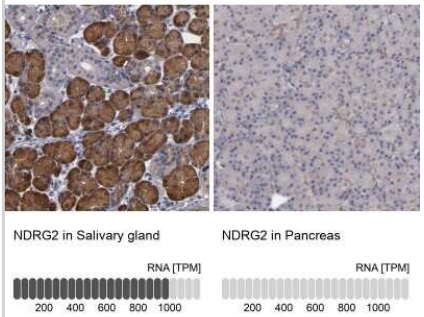
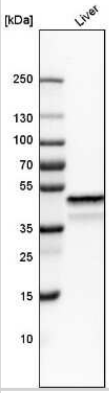
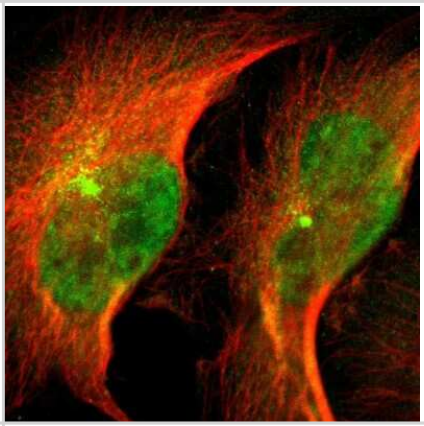
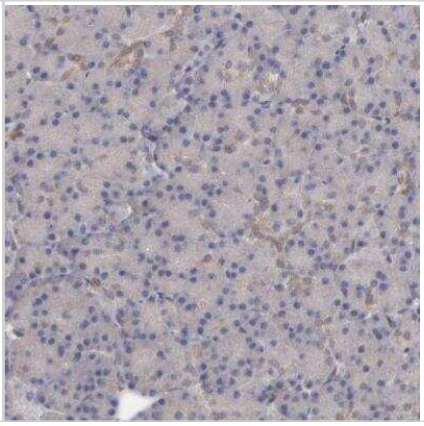
NDRG2 Antibody - BSA Free

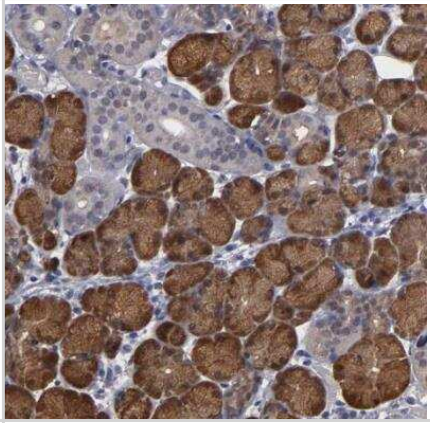
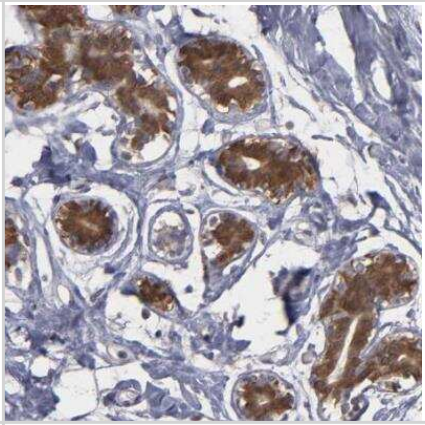
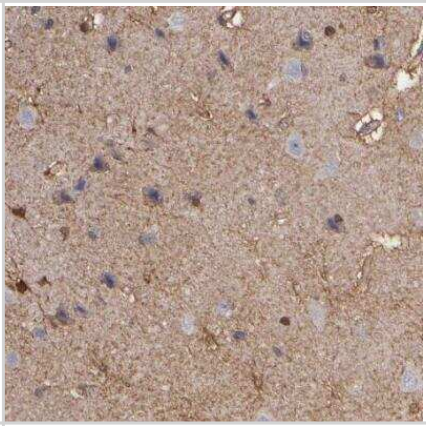
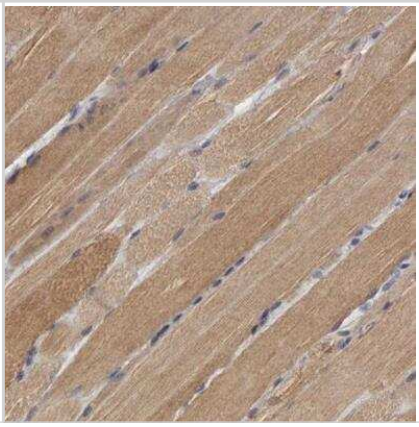
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	41 kDa

Product Description	
Description	Novus Biologicals Rabbit NDRG2 Antibody - BSA Free (NBP1-81424) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NDRG2 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57447
Gene Symbol	NDRG2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 26380811).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TGLTSSIPEMILGHLFSQEELSGNSELIQKYRNIITHAPNLDNIELYWNSYNNRRD LNFERGGDITLRCPVMLVVGDQAPHEDAVVECNSKLDPTQTSFLKMADSGGQ P

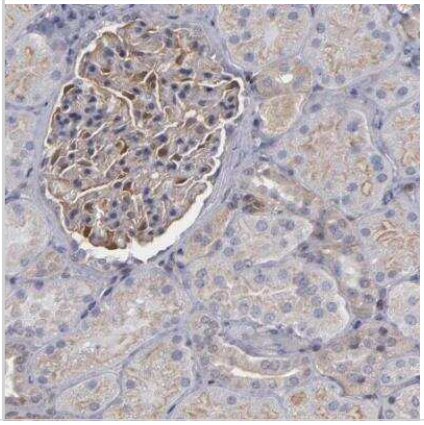
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	WB reported in scientific literature (PMID: 26380811). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Analysis in human salivary gland and pancreas tissues using NBP1-81424 antibody. Corresponding NDRG2 RNA-seq data are presented for the same tissues.	
Western Blot: NDRG2 Antibody [NBP1-81424] - Analysis in human liver tissue.	
Immunocytochemistry/Immunofluorescence: NDRG2 Antibody [NBP1-81424] - Staining of human cell line U-251 MG shows localization to nucleoplasm, cytosol and microtubule organizing center. Antibody staining is shown in green.	
Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Staining of human pancreas shows weak cytoplasmic positivity in exocrine glandular cells as expected.	

Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Staining of human salivary gland shows strong cytoplasmic positivity in glandular cells.	
Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Staining of human breast shows strong cytoplasmic positivity in glandular cells.	
Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil and glial cells.	
Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.	

Immunohistochemistry-Paraffin: NDRG2 Antibody [NBP1-81424] - Staining of human kidney shows moderate cytoplasmic positivity in cells in glomeruli.



Publications

Anderson KJ, Russell AP, Foletta VC. NDRG2 promotes myoblast proliferation and caspase 3/7 activities during differentiation, and attenuates hydrogen peroxide - But not palmitate-induced toxicity. FEBS Open Bio 2015-01-01 [PMID: 26380811] (WB, Mouse)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]

Tepel M, Roerig P, Wolter M et al. Frequent promoter hypermethylation and transcriptional downregulation of the NDRG2 gene at 14q11.2 in primary glioblastoma. Int J Cancer 2008-11-01 [PMID: 18709645]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]

Schilling SH, Hjelmeland AB, Radiloff 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 NBP1-81424

NBP1-81424PEP	NDRG2 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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