

Product Datasheet

NDRG1 Antibody (orb1247224)

Description	NDRG1 Antibody
Species/Host	Goat
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, WB
Immunogen	The immunogen for this antibody is: GNSAGPKSMEVSC
Target	NDRG1
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Form/Appearance	Liquid
Concentration	500 ug/mL
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only

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Application notes

Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: 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). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.1-0.3ug/ml. Primary incubation was 1 hour. Immunohistochemistry: In paraffin embedded Human hepatocellular carcinoma shows strong labeling of membranes and weaker staining of cytoplasm. These observations are consistent with those obtained by different antibodies. Recommended concentration: 0.5-2ug/ml. Paraffin embedded Human Prostate and Colon. Recommended concentration: 2.5ug/ml.

Clonality

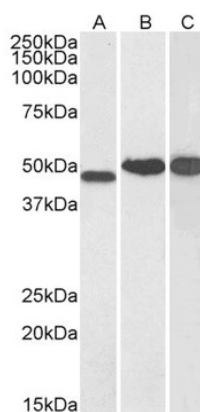
Polyclonal

Antibody Type

Primary Antibody

Uniprot ID**Q92597****NCBI****NP_006087.2****Expiration Date**

12 months from date of receipt.



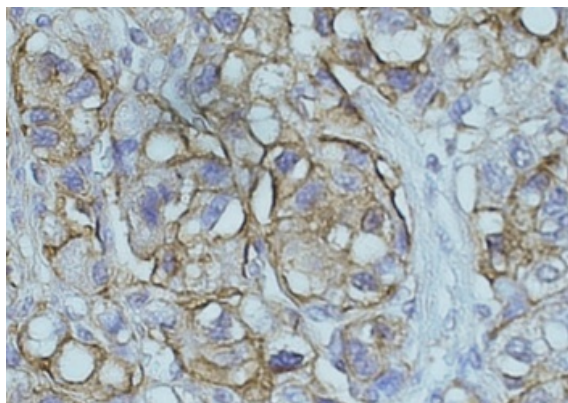
orb1247224 (0.1 ug/ml) staining of Human Kidney (A), Cerebellum (B) and Testis (C) lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.

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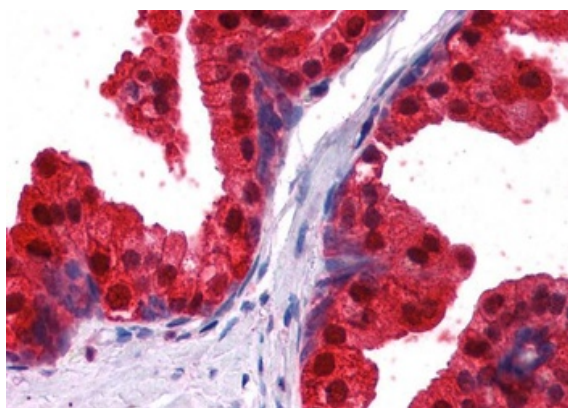
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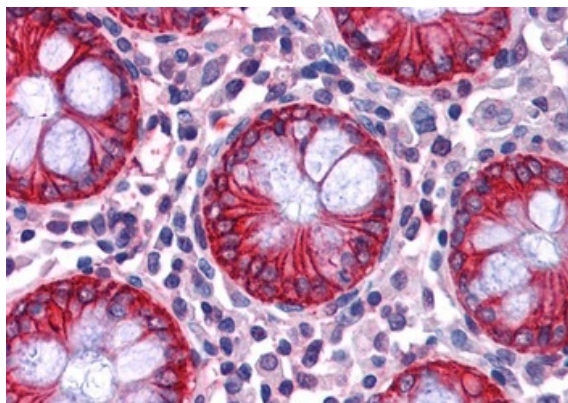
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orb1247224 (0.5 ug/ml) staining of paraffin embedded Human hepatocellular carcinoma.



orb1247224 (2.5 ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



orb1247224 (2.5 ug/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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