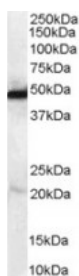


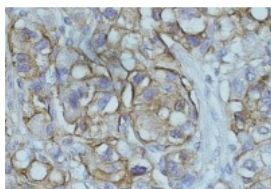


NDRG1 Antibody

CATALOG NUMBER: 45-938



Western Blot staining (0.1ug/ml) of Human Kidney lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (0.5ug/ml) staining of paraffin embedded Human hepatocellular carcinoma. Data obtained from C. Furer, Visceral Surgery, University of Bern, Switzerland.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 48kDa band observed in lysates of Human Brain, Kidney and Testis (calculated MW of 42.8kDa according to NP_006087.2). Recommended concentration: 0.1-0.3ug/ml. A minor band of unknown identity was also consistently observed at 20kDa 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, 0.5-2
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
SPECIFICITY:	The variants (NP_006087.2; NP_001128714.1) encode the same protein
IMMUNOGEN:	NDRG1 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of NDRG1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	NDRG1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	NDRG1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	NDRG1, N-myc downstream regulated gene 1, CAP43, CMT4D, DRG1, GC4, HMSNL, NDR1, NMSL,
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PROXY1, RIT42, RTP, TARG1, TDD5, N-myc downstream regulated gene 1 protein, differentiation-related gene 1 protein, nickel-specific induction protein Cap43, protein regulated by oxygen-1, reducing agents and tunicamycin-responsive protein, tunicamycin-responsive protein

ACCESSION NO.: NP_006087.2

PROTEIN GI NO.: 37655183

OFFICIAL SYMBOL: NDRG1

GENE ID: 10397

Background

REFERENCES: 1) Zhou D, Salnikow K, Costa M. Cap43, a novel gene specifically induced by Ni²⁺ compounds. Cancer Res. 1998 May 15;58(10):2182-9.

FOR RESEARCH USE ONLY

December 13, 2016