Product Datasheet

NDNL2 Antibody

Catalog No: #37388

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

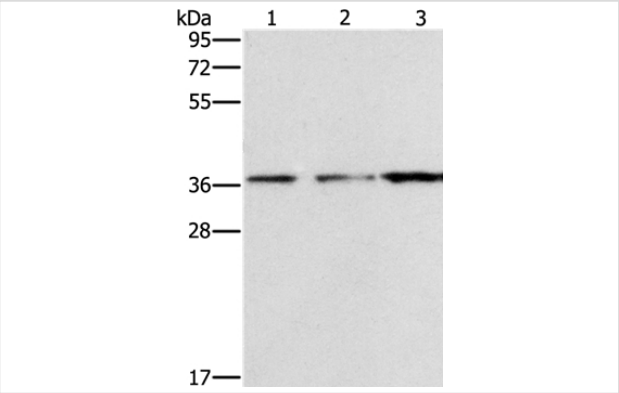
Product Name	NDNL2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NDNL2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human necdin-like 2
Target Name	NDNL2
Other Names	HCA4; NSE3; MAGEG1; MAGEL3; NSMCE3
Accession No.	Swiss-Prot#: Q96MG7?NCBI Gene ID: 56160Gene Accssion: NP_619649
Uniprot	Q96MG7
GeneID	56160;
SDS-PAGE MW	34kd
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

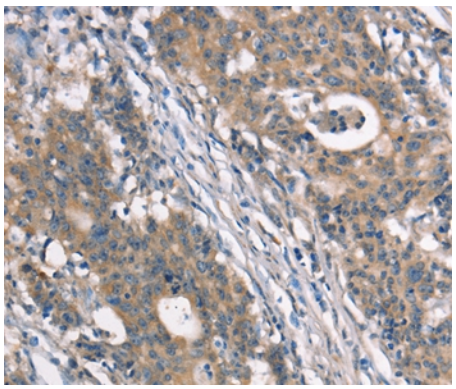
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Mouse liver tissue and A172 cell, human prostate tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/1500 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37388 at dilution 1/40.

Background

The protein encoded by this gene is part of the SMC5-6 chromatin reorganizing complex and is a member of the MAGE superfamily. This is an intronless gene. Component of the SMC5-SMC6 complex, a complex involved in repair of DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks. The complex is required for telomere maintenance via recombination in ALT (alternative lengthening of telomeres) cell lines and mediates sumoylation of shelterin complex (telosome) components which is proposed to lead to shelterin complex disassembly in ALT-associated PML bodies (APBs).

Note: This product is for in vitro research use only