

Product Name: KD-Validated NDEL1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01214**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 38.4kDa

Antigen Information

Gene Name	NDEL1
Alternative Names	NDEL1; NudE Neurodevelopment Protein 1 Like 1; MITAP1; NUDEL; NDE1L1; NDE2; Nuclear Distribution Protein NudE-Like 1; Mitosin-Associated Protein 1; Protein Nudel; EOPA; NudE Nuclear Distribution Gene E Homolog (A. Nidulans)-Like 1; NudE Nuclear Distribution E Homolog (A. Nidulans)-Like 1; NudE Nuclear Distribution Gene E Homolog-Like 1; NudE Nuclear Distribution E Homolog-Like 1; Mitosin-Associated Protein MITAP1; Endooligopeptidase A
Gene ID	81565.0
SwissProt ID	Q9GZM8
Immunogen	A synthesized peptide derived from human NUDEL

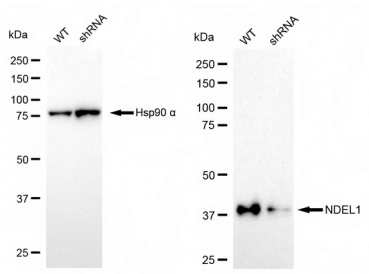
Background

Enables identical protein binding activity. Involved in chromosome segregation; positive regulation of GTPase activity; and regulation of intracellular protein transport. Located in kinetochore. Biomarker of schizophrenia. [provided by Alliance of Genome Resources, Jul 2025]

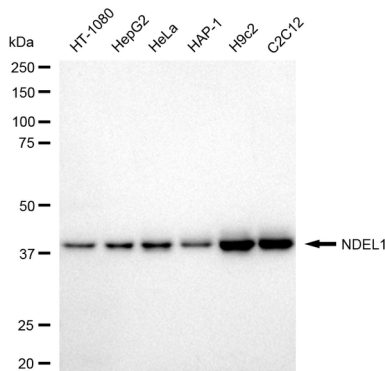
Research Area

Neuroscience, Cell Biology

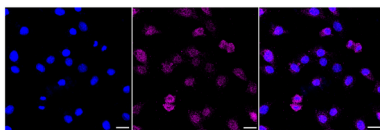
Image Data



Western blotting analysis using NDEL1 antibody (KVA01214). NDEL1 expression in wild type (WT) and NDEL1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with NDEL1 antibody (KVA01214, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using NDEL1 antibody (KVA01214). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with NDEL1 antibody (KVA01214, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of C2C12 cells with NDEL1 antibody (KVA01214, 1:1,000). Nuclei were stained blue with DAPI; NDEL1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Very low. Scale bar: 20 µm.