

Rabbit NUDEL Monoclonal Antibody | anti-NUDEL antibody

NUDEL Antibody

CATALOG # AAA312679	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

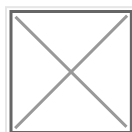
PRODUCT SYNONYMS

NUDEL; Monoclonal Antibody; NUDEL Antibody; A. nidulans antibody; DKFZp451M0318 antibody; ENDOOLIGOPEPTIDASE A antibody; EOPA antibody; MITAP 1 antibody; MITAP1 antibody; Mitosin associated protein 1 antibody; Mitosin associated protein MITAP1 antibody; Mitosin-associated protein 1 antibody; Ndel 1 antibody; NDEL1 antibody; NDEL1_HUMAN antibody; Nuclear distribution gene E like homolog 1 antibody; Nuclear distribution protein nudE like 1 antibody; Nuclear distribution protein nudE-like 1 antibody; NUDE like protein antibody; NudE nuclear distribution gene E homolog like 1 A. nidulans antibody; NudE nuclear distribution gene E homolog like 1 antibody; NUDEL antibody; Protein Nudel antibody; anti-NUDEL antibody

PRODUCT SPECIFICATIONS

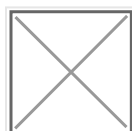
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG38-63
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NUDEL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



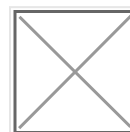
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-Nudel antibody. Counter stained with hematoxylin.



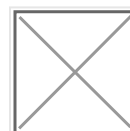
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Nudel antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-Nudel antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Nudel on rat brain tissue lysate using anti-Nudel antibody at 1/2, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NUDEL antibody	NudE-like protein (Ndel1) is expressed in the testis, brain, heart, hypothalamus, liver, lung, spleen, and stomach, specifically in the interphase centrosome and mitotic spindle. It positively regulates minus-end directed dynein. Evidence suggests that Ndel1 interacts with LIS1 to sustain the function of dynein, thereby impacting microtubule organization, nuclear translocation, and neuronal positioning. Ndel1 is phosphorylated during mitosis and seems to tether dynactin and dynein to the mother centriole for microtubule anchoring. Loss of function of Ndel1 in the developing neocortex impairs neuronal positioning and uncouples the centrosome and nucleus. Ndel1 may also impair mitochondrial transport or function, initiating a cascade of events culminating in psychiatric illness such as lissencephaly and schizophrenia.
Product Categories/Family for anti-NUDEL antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	74725006
NCBI GeneID	81565
UniProt Accession #	Q9GZM8; Q86T80; Q8TAR7; Q9UH50; B3KP93; D3DTS0; J3QT32
Molecular Weight	345
NCBI Official Full Name	Nuclear distribution protein nudE-like 1
NCBI Official Synonym Full Names	nudE neurodevelopment protein 1-like 1
NCBI Official Symbol	NDEL1
NCBI Official Synonym Symbols	EOPA; NDE2; NUDEL; MITAP1; NDE1L1
NCBI Protein Information	nuclear distribution protein nudE-like 1; protein Nudel; endooligopeptidase A; mitotin-associated protein 1; mitotin-associated protein MITAP1; nudE nuclear distribution E homolog-like 1; nudE nuclear distribution gene E homolog-like 1
UniProt Protein Name	Nuclear distribution protein nudE-like 1
UniProt Gene Name	NDEL1
UniProt Synonym Gene Names	EOPA; MITAP1; NUDEL; Protein Nudel
UniProt Entry Name	NDEL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/nudel-antibody-clone-jg38-63-immunohistochemistry-western-blot-elisa/312679>