

NDE1 Rabbit Polyclonal Antibody



CAB7112

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

39kDa

Calculated MW:

37kDa/38kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes a member of the nuclear distribution E (NudE) family of proteins. The encoded protein is localized at the centrosome and interacts with other centrosome components as part of a multiprotein complex that regulates dynein function. This protein plays an essential role in microtubule organization, mitosis and neuronal migration. Mutations in this gene cause lissencephaly 4, a disorder characterized by lissencephaly, severe brain atrophy, microcephaly, and severe mental retardation. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

54820

Uniprot

Q9NXR1

Synonyms:

NDE1; HOM-TES-87; LIS4; MHAC; NDE; NUDE; NUDE1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

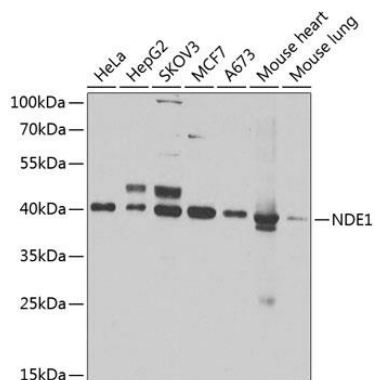
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human NDE1 (NP_060138.1).

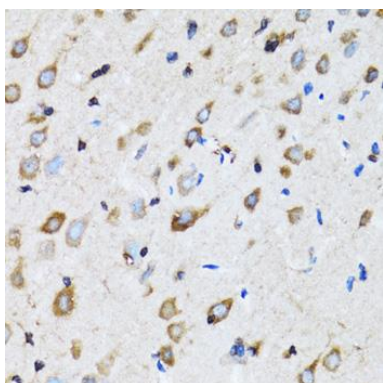
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

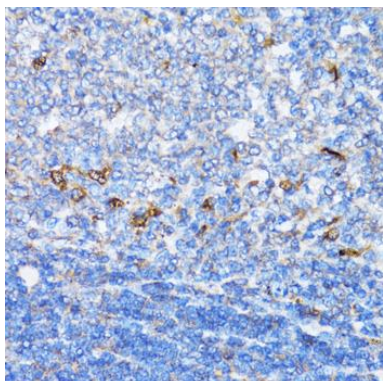
Product Images



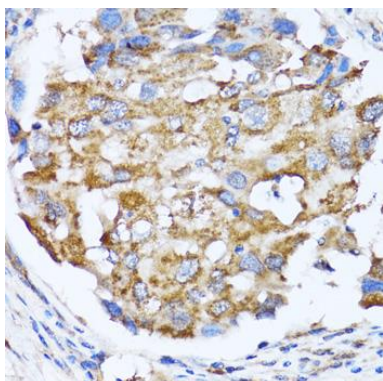
Western blot analysis of extracts of various cell lines, using NDE1 antibody (CAB7112) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat brain using NDE1 antibody (CAB7112) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat spleen using NDE1 antibody (CAB7112) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using NDE1 antibody (CAB7112) at dilution of 1:100 (40x lens).