

NDE1

Reactivity: Human Mouse

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 39kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human NDE1

Storage Buffer:

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

Concentration:

1 mg/ml

Synonym:

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

Catalog #: A7112

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 54820

Isotype: IgG

Swiss Prot: Q9NXR1

Purity: Affinity purification

For research use only.

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.

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