

## NDE1 Recombinant antibody

**Cat:** B36171S

**Company:** HaoKebio

**Uniprot ID:** Q9NXR1

**Applications:** IHC:1:500-1:2000

**Organism:** Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:** Human Mouse Rat

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 335 aa, 38 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 40 kDa

WB:1:5000-1:50000

### Background:

NDE1 (NUDE /NUDE1) is a LIS1-interacting protein. A signaling pathway containing NDE1, LIS1, and cytoplasmic dynein is conserved for eukaryotic nuclear migration and has profound impact on neuronal migration during development of the central nervous system. LIS1 and dynein have been shown to be involved in mitosis and NDE1 participates in a subset of dynein function in M phase. NDE1 is specifically phosphorylated in M phase in its serine/threonine phosphorylation motifs, probably by Cdc2 and also Erk1 and Erk2. A fraction of NDE1 binds to centrosomes strongly in interphase and is localized to mitotic spindles in early M phase. Phosphorylation of NDE1 also regulates the cell-cycle-dependent distribution, possibly by increasing its dissociation rate at the microtubule-organizing center.

### Synonyms:

242340H4, HOM TES 87, NudE, NUDE1

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

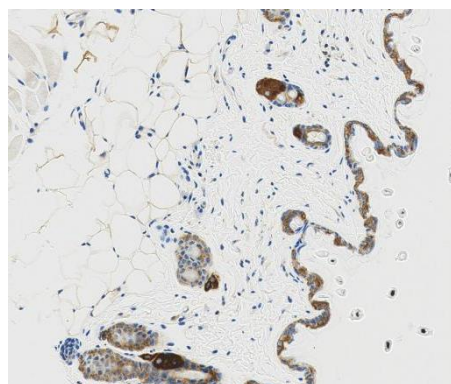
### Storage:

Store at -20 °C for one year.

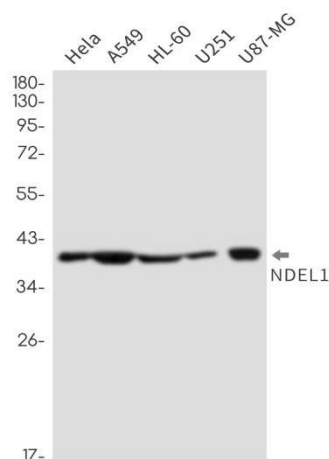
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse skin, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

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浩克生物技术有限公司提供;

发表[英文论文]请标注:NDE1(B36171S) were ki  
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y Co., Ltd.