

Datasheet for ABIN5700144 **anti-NDE1 antibody**

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Overview

Quantity:	100 µg
Target:	NDE1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	nudE nuclear distribution gene E homolog 1 (A. nidulans)
Isotype:	IgG

Target Details

Target:	NDE1
Alternative Name:	NDE1 (NDE1 Products)
Background:	Synonyms:NUDE 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

Target Details

	brain atrophy, microcephaly, and severe mental retardation. Alternative splicing results in multiple transcript variants.
Molecular Weight:	40 kDa
Gene ID:	54820
UniProt:	Q9NXR1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	A2780 cells were subjected to SDS PAGE followed by western blot with FNab05600(NDE1 antibody) at dilution of 1:1500
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months