

	<h1 style="text-align: center;">NDE1 Rabbit pAb</h1>	<div style="background-color: #cccccc; padding: 5px; text-align: center;">E 2 5 1 4 1 3 6</div>
--	--	---

Swiss-Prot No.:	Q9NXR1
Altername:	NDE1
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human NDE1 (NP_060138.1).
Purification:	Affinity purified
Reactivity:	Human,Mouse
Other Names:	NDE; LIS4; MHAC; NUDE; NUDE1; HOM-TES-87
Cellular localization:	Centromere, Chromosome, Cytoplasm, Cytoskeleton, Kinetochore, Microtubule
Relevance:	Required for centrosome duplication and formation and function of the mitotic spindle. Essential for the development of the cerebral cortex. May regulate the production of neurons by controlling the orientation of the mitotic spindle during division of cortical neuronal progenitors of the proliferative ventricular zone of the brain. Orientation of the division plane perpendicular to the layers of the cortex gives rise to two proliferative neuronal progenitors whereas parallel orientation of the division plane yields one proliferative neuronal progenitor and a post-mitotic neuron. A premature shift towards a neuronal fate within the progenitor population may

For Research Use Only

	result in an overall reduction in the final number of neurons and an increase in the number of neurons in the deeper layers of the cortex.
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	39kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:500 - 1:2000; IF 1:50 - 1:200 (Optimal dilutions should be determined by the end user)