G-Biosciences Image not found or type unknown

Immunotag™ NDE1 Antibody

Antibody Specification

Catalog No.	ITA2694
Product Description	Immunotag™ NDE1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NDE1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NDE1.
Specificity	NDE1 antibody detects endogenous levels of NDE1.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NDE1
Accession No.	Q9NXR1
Alternate Names	FLJ20101; HOM TES 87; LIS1 interacting protein NUDE1 rat homolog; LIS1 interacting protein NUDE1; LIS4; NDE 1; NDE1; NDE1_HUMAN; Nuclear distribution gene E homolog 1; Nuclear distribution protein nudE homolog 1; NUDE 1; NudE; NudE nuclear distribution gene E homolog 1 (A. nidulans); NudE nuclear distribution gene E homolog 1; NUDE1;

Antibody Specification

Description	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 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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	40 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.