

NINL Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57452

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y2I6
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	156344

Additional Information

Gene ID	22981
Other Names	Ninein-like protein, NINL, KIAA0980, NLP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NINL
Synonyms	KIAA0980, NLP
Function	Involved in the microtubule organization in interphase cells. Overexpression induces the fragmentation of the Golgi, and causes lysosomes to disperse toward the cell periphery; it also interferes with mitotic spindle assembly. Involved in vesicle transport in photoreceptor cells (By similarity). May play a role in ovarian carcinogenesis.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm Note=In interphase cells, NINL is transported to the centrosomes by the dynein-dynactin motor complex (PubMed:16254247). During centrosome maturation, PLK1 directly phosphorylates NINL resulting in its release into the cytoplasm (PubMed:16254247)
Tissue Location	Expressed in KYSE-150 esophageal carcinoma, HeLa cervical carcinoma and U2OS osteosarcoma cells. Expression is regulated in a cell cycle-dependent manner and peaks during G2/M phase (at protein level). Expressed in fetal heart, skeletal muscle, liver, lung and cochlea, and in adult brain, testis,

kidney and retina

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