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NINL Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57452

Specification

NINL Polyclonal Antibody - Product Information

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

NINL Polyclonal Antibody - Additional Information

Gene ID 22981

Other Names
Ninein-like protein, NINL, KIAA0980, NLP

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

NINL Polyclonal Antibody - 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

NINL Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NINL Polyclonal Antibody - Images