

Ninein rabbit pAb

Catalog No :	YN8757
Reactivity :	Human;Mouse
Applications :	WB
Target :	NIN
Gene Name :	NIN KIAA1565
Protein Name :	Ninein (hNinein) (Glycogen synthase kinase 3 beta-interacting protein) (GSK3B-interacting protein)
Human Gene Id :	51199
Human Swiss Prot No :	Q8N4C6
Mouse Gene Id :	18080
Mouse Swiss Prot No :	Q61043
Immunogen :	Synthesized peptide derived from human Ninein
Specificity :	This antibody detects endogenous levels of Ninein at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 230kD

Function : Centrosomal protein required in the positioning and anchorage of the microtubule minus-end in epithelial cells . May also act as a centrosome maturation factor . May play a role in microtubule nucleation, by recruiting the gamma-tubulin ring complex to the centrosome . Overexpression does not perturb nucleation or elongation of microtubules but suppresses release of microtubules . Required for centriole organization and microtubule anchoring at the mother centriole .

Subcellular Location : Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Component of the core centrosome. Arranged in a tubular conformation with an open and a closed end within the centrosome. In the mother centrosome, it localizes at both ends of the centrosome tube, including the site of centrosome duplication, while in the daughter centrosome it is present only at the closed end. Requires PCM1 for centrosome localization. Localizes to the subdistal appendage region of the centriole in a DCTN1-dependent manner. .; [Isoform 6]: Cytoplasm . Seems to have a dominant-negative effect on localization of other isoforms, promoting their dissociation from the centrosome. .

Expression : Ubiquitous. Highly expressed in heart and skeletal muscle. Isoform 1 is more expressed than isoform 5.

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