



Rabbit Anti-GSK3B interacting protein/Ninein antibody

SL7844R

Product Name:	GSK3B interacting protein/Ninein
Chinese Name:	GSK3B相互作用蛋白抗体
Alias:	Centrosome Marker; Centrosome Marker; Glycogen synthase kinase 3 beta interacting protein; Centrosome Marker; Glycogen synthase kinase 3 beta interacting protein; GSK3B interacting protein; h Glycogen synthase kinase 3 beta-interacting protein; hNinein; KIAA1565; NIN; NIN protein; NIN_HUMAN; ninein (GSK3B interacting protein); Ninein; Ninein centrosomal protein; SCKL7.
文献引用 PubMed :	<p>Specific References(1) SL7844R has been referenced in 1 publications.</p> <p>[IF=2.10]Nozawa-Inoue, Kayoko, et al. "Contribution of synovial lining cells to synovial vascularization of the rat temporomandibular joint." Journal of Anatomy (2016).IHC-F;Rat.</p> <p style="text-align: right;">PubMed:26642772</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	243kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Ninein:133-230/2090
Lsotype:	IgG
Purification:	affinity purified by Protein A

Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	<p>Ninein is a centrosomal protein required for the positioning and anchorage of the microtubule minus-end in epithelial cells. It may also be a centrosome maturation factor and may be involved in microtubule nucleation. Ninein is a component of the core centrosome and is arranged in a tubular shape with an open and a closed end.</p> <p>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. Overexpression does not perturb nucleation or elongation of microtubules but suppresses release of microtubules.</p> <p>Subunit: Homooligomer. Interacts with GSK3B (GSK3-beta) via its C-terminus domain. Interacts with C14ORF166, such interaction may prevent its phosphorylation by GSK3-beta.</p> <p>Subcellular Location: Cytoplasm, cytoskeleton, centrosome.</p> <p>Tissue Specificity: Ubiquitous. Highly expressed in heart and skeletal muscle. Isoform 1 is more expressed than isoform 5.</p> <p>Post-translational modifications: Phosphorylated by Aurora A (AIK) and PKA kinases but not CK2 or Aurora B (AIM). Phosphorylated upon DNA damage, probably by ATM or ATR.</p> <p>Similarity: Contains 5 EF-hand domains.</p> <p>SWISS: Q8N4C6</p> <p>Gene ID: 51199</p> <p>Database links: Entrez Gene: 51199 Human</p>

[Entrez Gene: 18080](#) Mouse

[Oimim: 608684](#) Human

[SwissProt: Q8N4C6](#) Human

[SwissProt: Q61043](#) Mouse

[Unigene: 310429](#) Human

[Unigene: 569387](#) Human

[Unigene: 244047](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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