

产品名称: SYNE2 Rabbit Polyclonal Antibody
产品货号: APRab18505



产品概述 (Summary)

产品名称 (Production Name)	SYNE2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC/IF
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SYNE2
别名 (Alternative Names)	KIAA1011 NUA
基因 ID (Gene ID)	23224.0
蛋白 ID (SwissProt ID)	Q8WXH0. Synthesized peptide derived from human protein . at AA range: 360-440

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:300, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	757kDa

研究背景 (Background)

The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers

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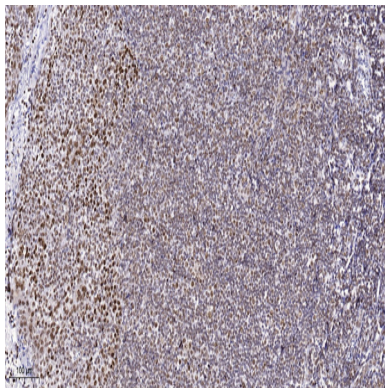


the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],domain:The Klarsicht domain mediates the nuclear envelope targeting.,function:Involved in the maintenance of nuclear organization and structural integrity. Probable anchoring protein which theters the nucleus to the cytoskeleton. Connects nuclei to the cytoskeleton by interacting with the nuclear envelope and with F-actin in the cytoplasm.,similarity:Belongs to the nesprin family.,similarity:Contains 1 actin-binding domain.,similarity:Contains 1 KASH domain.,similarity:Contains 13 LRR (leucine-rich) repeats.,similarity:Contains 2 CH (calponin-homology) domains.,similarity:Contains 9 spectrin repeats.,subcellular location:The largest part of the protein is cytoplasmic, while its C-terminal part is associated with the nuclear envelope, most probably the outer nuclear membrane. Remains associated with the nuclear envelope during its breakdown in mitotic cells.,subunit:Interacts with F-actin via its N-terminal domain.,tissue specificity:Widely expressed, with higher level in kidney, adult and fetal liver, stomach and placenta. Weakly expressed in skeletal muscle and brain. Isoform 5 is highly expressed in pancreas, skeletal muscle and heart.,

研究领域 (Research Area)

Tags & Cell Markers; Subcellular Markers; Nucleus; Nuclear Envelope; Signal Transduction; Cytoskeleton / ECM; Cytoskeleton; Microfilaments; Actin etc; Actin Binding Proteins; Neuroscience; Processes

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .