

Product datasheet for **CF811708**

Nesprin 1 (SYNE1) Mouse Monoclonal Antibody [Clone ID: OTI1E10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1E10
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-285 of human SYNE1 (NP_598411) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	spectrin repeat containing nuclear envelope protein 1
Database Link:	NP_598411 Entrez Gene 23345 Human Q8NF91



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Background:

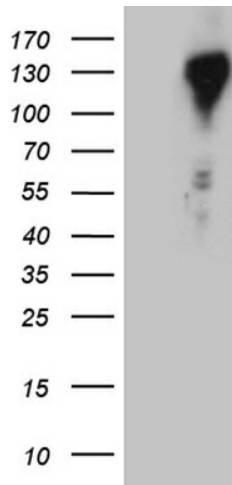
This gene encodes a spectrin repeat containing protein expressed in skeletal and smooth muscle, and peripheral blood lymphocytes, that localizes to the nuclear membrane. Mutations in this gene have been associated with autosomal recessive spinocerebellar ataxia 8, also referred to as autosomal recessive cerebellar ataxia type 1 or recessive ataxia of Beauce. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Synonyms:

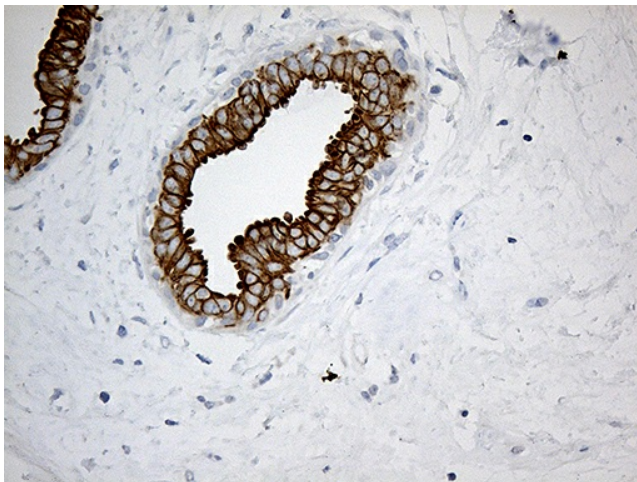
8B; ARCA1; C6orf98; CPG2; dj45H2.2; DKFZp781J13156; EDMD4; FLJ30878; FLJ41140; KIAA0796

Protein Families:

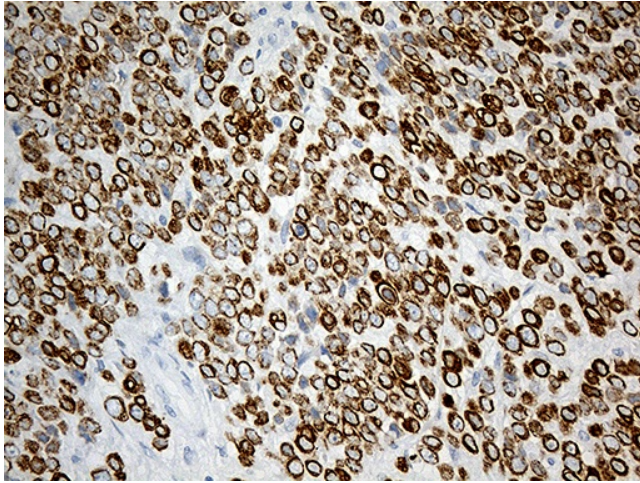
Druggable Genome

Product images:


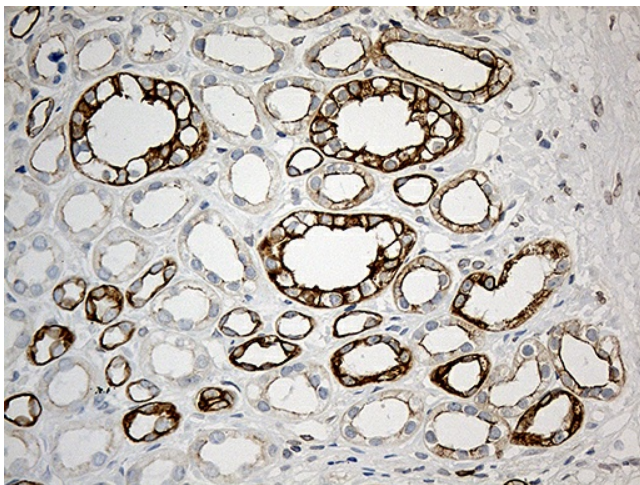
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SYNE1 (Cat# [RC212845], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SYNE1 (Cat# [TA811708])(1:2000).



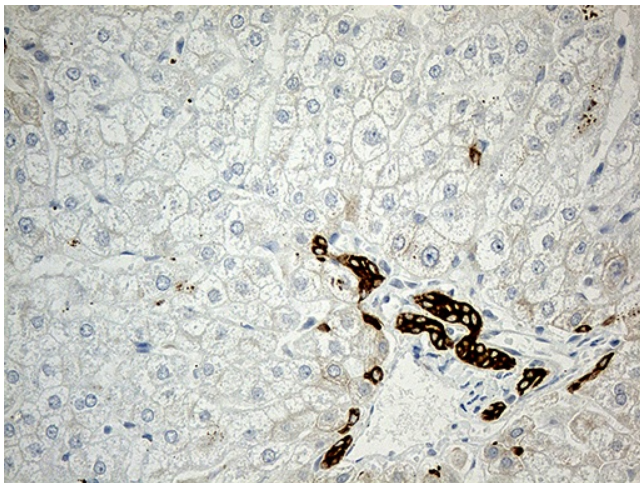
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



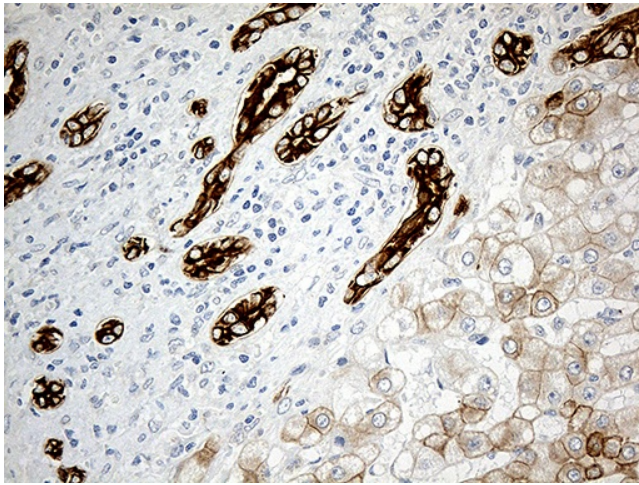
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



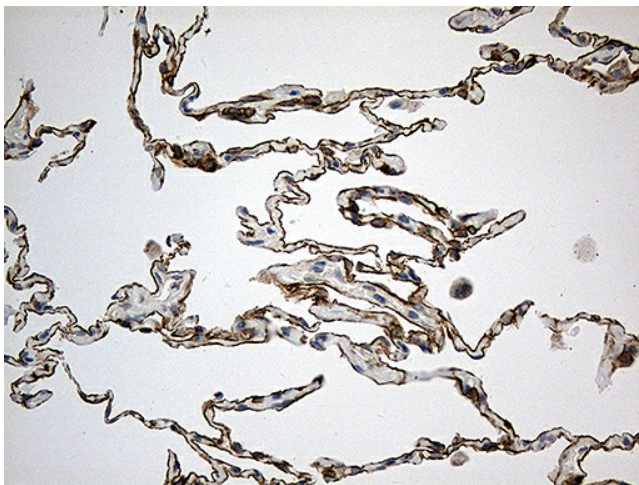
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



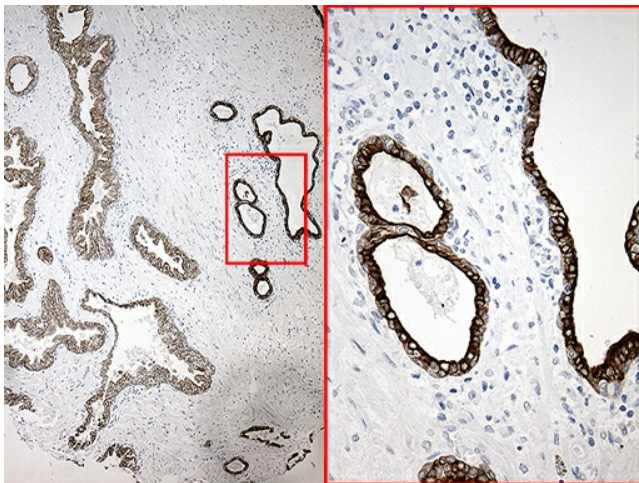
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



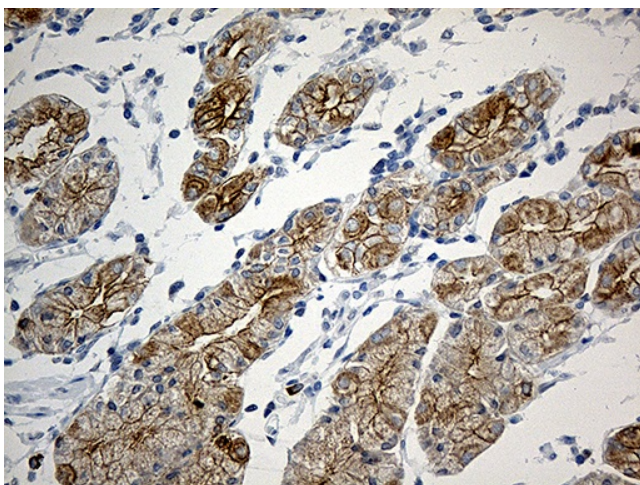
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)



Immunohistochemical staining of paraffin-embedded Human gastric tissue within the normal limits using anti-SYNE1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811708]) (1:500)