

Rabbit Nesprin 1 Polyclonal Antibody | anti-Nesprin1 antibody

Nesprin 1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282058	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Nesprin 1; Polyclonal Antibody; Nesprin 1 Rabbit pAb; 8B; AMC3; AMCM; CPG2; ARCA1; EDMD4; KASH1; MYNE1; Nesp1; SCAR8; C6orf98; dJ45H2.2; anti-Nesprin1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-Nesprin1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Nesprin 1.
Positive Samples	Mouse skeletal muscle
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



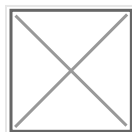
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using Nesprin 1 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



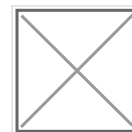
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using Nesprin 1 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using Nesprin 1 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of Mouse skeletal muscle, using Nesprin 1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-Nesprin1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	330688408
NCBI GeneID	23345
NCBI Accession #	NP_892006.3
NCBI GenBank Nucleotide #	NM_182961.3
UniProt Accession #	Q8N9F1; O94890; Q5JV19; Q5JV22; Q8N9P7; Q8TCP1; Q8WWW6; Q8WWW7; Q8WXF6; Q96N17; Q9C0A7; E7EQI5
Molecular Weight	1,011,086 Da
NCBI Official Full Name	nesprin-1 isoform 1
NCBI Official Synonym Full Names	spectrin repeat containing, nuclear envelope 1
NCBI Official Symbol	SYNE1
NCBI Official Synonym Symbols	8B; CPG2; ARCA1; EDMD4; MYNE1; Nesp1; SCAR8; C6orf98; dJ45H2.2
NCBI Protein Information	nesprin-1; enaptin; nesprin 1; synaptic nuclei expressed gene 1; myocyte nuclear envelope protein 1; synaptic nuclear envelope protein 1
UniProt Protein Name	Nesprin-1
UniProt Gene Name	SYNE1
UniProt Synonym Gene Names	C6orf98; KIAA0796; KIAA1262; KIAA1756; MYNE1; Myne-1; Syne-1
UniProt Entry Name	SYNE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nesprin-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/282058>