

Rabbit Nesprin 1 Polyclonal Antibody | anti-SYNE1 antibody

Anti-Nesprin 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265228	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

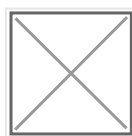
PRODUCT SYNONYMS

Nesprin 1; Polyclonal Antibody; Anti-Nesprin 1 Antibody; anti-SYNE1 antibody

PRODUCT SPECIFICATIONS

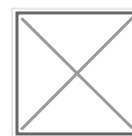
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Nesprin 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-SYNE1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein corresponding to human Nesprin 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



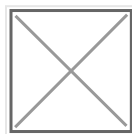
IF (Immunofluorescence)

Immunofluorescent analysis of Nesprin 1 staining in NIH3T3. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Nesprin 1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Nesprin 1 expression in mouse skeletal muscle (A) whole cell lysates. (Predicted band size: 1011 kD; Observed band size: 131 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-SYNE1 antibody	Rabbit polyclonal antibody to Nesprin 1
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	330688408
NCBI GeneID	23345
NCBI Accession #	NP_892006.3
NCBI GenBank Nucleotide #	NM_182961.3
UniProt Accession #	Q8NF91; Q6ZWR6
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nesprin-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265228>