

Rabbit anti-Human SYNE2/Nesprin 2 Polyclonal Antibody | anti-SYNE2 antibody

Rabbit anti-SYNE2/Nesprin 2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213243	Rabbit	Human	Immunoprecipitation, Western Blot

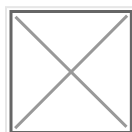
PRODUCT SYNONYMS

SYNE2/Nesprin 2; Polyclonal Antibody; Rabbit anti-SYNE2/Nesprin 2 Antibody; Affinity Purified; nucleus and actin connecting element protein; SYNE-2; synaptic nuclei expressed gene 2; synaptic nuclear envelope protein 2; Nesp2; spectrin repeat containing; nuclear envelope 2; TROPH; Protein NUANCE; polytrophin; nuclear envelope spectrin repeat protein 2; NUANCE; NUA; nesprin 2; KASH2; KASH domain-containing protein 2; EDMD5; Nesprin-2; spectrin repeat containing nuclear envelope protein 2; anti-SYNE2 antibody

PRODUCT SPECIFICATIONS

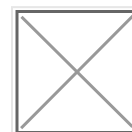
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SYNE2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 4200 and 4250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human SYNE2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SYNE2 antibody AAA213243 (lot AAA213243-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human SYNE2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SYNE2 antibody AAA213243 (lot AAA213243-1) used for IP at 6 ug per reaction. SYNE2 was also immunoprecipitated by rabbit anti-SYNE2 antibody For blotting immunoprecipitated SYNE2, AAA213243 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SYNE2 antibody	SYNE2/Nesprin 2 is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus [taken from NCBI Entrez Gene (Gene ID: 23224)].
Product Categories/Family for anti-SYNE2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	33624861
NCBI GeneID	23224
NCBI Accession #	NP_878914.1
NCBI GenBank Nucleotide #	NM_182910.2
UniProt Accession #	Q8WXH0; Q540G1; Q8N1S3; Q8NF49; Q8TER7; Q8WWW3; Q8WWW4; Q8WWW5; Q8WXH1; Q9NU50; Q9UFQ4 ; Q9Y2L4
Molecular Weight	796,442 Da
NCBI Official Full Name	nesprin-2 isoform 2
NCBI Official Synonym Full Names	spectrin repeat containing, nuclear envelope 2
NCBI Official Symbol	SYNE2
NCBI Official Synonym Symbols	NUA; EDMD5; Nesp2; TROPH; NUANCE; SYNE-2; Nesprin-2
NCBI Protein Information	nesprin-2; nesprin 2; polytrophin; synaptic nuclei expressed gene 2; synaptic nuclear envelope protein 2; nuclear envelope spectrin repeat protein 2; nucleus and actin connecting element protein
UniProt Protein Name	Nesprin-2
UniProt Gene Name	SYNE2
UniProt Synonym Gene Names	KIAA1011; NUA; Protein NUANCE; Syne-2
UniProt Entry Name	SYNE2_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/syne2-nesprin-2-antibody-immunoprecipitation-western-blot-elisa/213243>