

Product datasheet for **AP54462PU-N**

SUN2 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 236-265 amino acids from the Central region of human UNC84B
Specificity:	This antibody detects UNC84B (Center).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Sad1 and UNC84 domain containing 2
Database Link:	Entrez Gene 25777 Human Q9UH99



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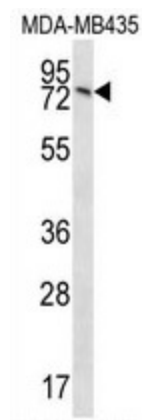
Background: SUN1 (MIM 607723) and SUN2 are inner nuclear membrane (INM) proteins that play a major role in nuclear-cytoplasmic connection by formation of a 'bridge' across the nuclear envelope, known as the LINC complex, via interaction with the conserved luminal KASH domain of nesprins (e.g., SYNE1; MIM 608441) located in the outer nuclear membrane (ONM). The LINC complex provides a direct connection between the nuclear lamina and the cytoskeleton, which contributes to nuclear positioning and cellular rigidity (summary by Haque et al., 2010 [PubMed 19933576]).

Synonyms: FRIGG, KIAA0668, RAB5IP

Note: **Molecular Weight:** 80311 Da

Protein Families: Transmembrane

Product images:



UNC84B Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35 ug/lane). This demonstrates the UNC84B antibody detected the UNC84B protein (arrow).