

Product datasheet for **TA341972**

SUN2 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-UNC84B antibody: synthetic peptide directed towards the N terminal of human UNC84B. Synthetic peptide located within the following region: SRRPDEGWEAROSSPHFQAEQVRVMSRVHSLERRLEALAAEFSSNWQKEAM |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 80 kDa |
| Gene Name: | Sad1 and UNC84 domain containing 2 |
| Database Link: | NP_056189 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]). [supplied by OMIM, Nov 2010]. Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Gene record to access additional publications. ##Evidence-Data-START## Transcript exon combination :: BC094797.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025087, ERS025093 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

Synonyms:

UNC84B

Note:

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Dog: 93%; Mouse: 93%; Bovine: 93%; Guinea pig: 86%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-UNC84B Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: MCF7 cell lysate