

## Datasheet for ABIN7118769 **anti-SUN1 antibody**

[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	SUN1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	unc-84 homolog A(C. elegans)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	SUN1
Alternative Name:	SUN1 ( <a href="#">SUN1 Products</a> )
Background:	Synonyms:KIAA0810, UNC84A Background:Component of SUN-protein-containing multivariate complexes also called LINC complexes which link the nucleoskeleton and cytoskeleton by providing versatile outer nuclear membrane attachment sites for cytoskeletal filaments. Required for interkinetic nuclear migration(INM) and essential for nucleokinesis and

## Target Details

centrosome-nucleus coupling during radial neuronal migration in the cerebral cortex and during glial migration. Anchors chromosome movement in the prophase of meiosis and is involved in selective gene expression of coding and non-coding RNAs needed for gametogenesis. Required for telomere attachment to nuclear envelope and gametogenesis. Helps to define the distribution of nuclear pore complexes(NPCs)(By similarity). Required for efficient localization of SYNE4 in the nuclear envelope(By similarity).

Molecular Weight: 90 kDa

Gene ID: 6821

UniProt: [O94901](#)

Pathways: [Maintenance of Protein Location](#)

## Application Details

Application Notes: WB: 1:500-1:5000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.1 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months