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Datasheet for ABIN6977660

**anti-SYNE1 antibody (AA 51-150) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	SYNE1
Binding Specificity:	AA 51-150
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNE1 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nesprin 1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	SYNE1
Alternative Name:	Nesprin 1 ( <a href="#">SYNE1 Products</a> )

## Target Details

Background:	<p>Synonyms: CPG2, Enaptin, Myne-1, MYNE1, Myocyte nuclear envelope protein 1, Nesprin-1, Nuclear envelope spectrin repeat protein 1, SCAR8, Synaptic nuclear envelope protein 1, Syne-1, SYNE1, SYNE1_HUMAN, SYNE1B.</p> <p>Background: Multi-isomeric modular protein which forms a linking network between organelles and the actin cytoskeleton to maintain the subcellular spatial organization. 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. Involved in the maintenance of nuclear organization and structural integrity. Connects nuclei to the cytoskeleton by interacting with the nuclear envelope and with F-actin in the cytoplasm. Required for centrosome migration to the apical cell surface during early ciliogenesis.</p>
Gene ID:	23345
UniProt:	<a href="#">Q8NF91</a>
Pathways:	<a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months