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Datasheet for ABIN1392689

**anti-NUP107 antibody (AA 501-600) (Alexa Fluor 555)**

## Overview

Quantity:	100 µL
Target:	NUP107
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP107 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nuclear pore complex protein Nup107
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	NUP107
Alternative Name:	NUP107/Nuclear Pore Complex Proteins ( <a href="#">NUP107 Products</a> )
Background:	Synonyms: 107 kDa nucleoporin, NPC proteins, NU107_HUMAN, Nuclear pore complex protein

## Target Details

Nup107, Nucleoporin 107 kDa, Nucleoporin Nup107, NUP 107, NUP 84, NUP107, NUP153, NUP155, NUP84, NUP98.

Background: Nuclear pore complexes (NPCs) are the channels for the bi-directional movement of macromolecules between the nucleus and cytoplasm, and contain more than 100 different subunits. Many of them belong to a family called nucleoporins, which are characterized by the presence of O-linked N-acetylglucosamine moieties and a distinctive pentapeptide repeat (XFXFG). Nuclear pore complex protein Nup107 (Nucleoporin Nup107) is an essential part of the nuclear pore complex which is composed of Nup133, Nup160, Nup107 and Nup96. Nup107 is active in assembling peripheral proteins into this complex. The protein, located on both the nuclear and cytoplasmic sides of the pore, is important in RNA export.

Pathways: [Protein targeting to Nucleus](#)

## Application Details

Application Notes: FCM 1:20-100

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.

Expiry Date: 12 months