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Datasheet for ABIN6977303

**anti-RNF111 antibody (AA 851-950) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	RNF111
Binding Specificity:	AA 851-950
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF111 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 RNF111
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	RNF111
Alternative Name:	RNF111 ( <a href="#">RNF111 Products</a> )

## Target Details

Background:	<p>Synonyms: ARK, Arkadia, DKFZp313E0731, DKFZp686H1966, DKFZp761D081, E3 ubiquitin protein ligase Arkadia, FLJ38008, Ring finger protein 111, RNF 111, RN111_HUMAN.</p> <p>Background: The protein encoded by this gene is a nuclear RING-domain containing E3 ubiquitin ligase. This protein interacts with the transforming growth factor (TGF) -beta/NODAL signaling pathway by promoting the ubiquitination and proteosomal degradation of negative regulators, like SMAD proteins, and thereby enhances TGF-beta target-gene transcription. As a modulator of the nodal signaling cascade, this gene plays a critical role in the induction of mesoderm during embryonic development. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]</p>
Gene ID:	54778
UniProt:	<a href="#">Q6ZNA4</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.
Expiry Date:	12 months