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Datasheet for ABIN6983240  
**anti-RNF111 antibody (AA 851-950) (Cy3)**

### 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 Cy3
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

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Background: Synonyms: ARK, Arkadia, DKFZp313E0731, DKFZp686H1966, DKFZp761D081, E3 ubiquitin protein ligase Arkadia, FLJ38008, Ring finger protein 111, RNF 111, RN111\_HUMAN.  
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]

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Gene ID: 54778

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UniProt: [Q6ZNA4](#)

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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