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Datasheet for ABIN709274  
**anti-IDI1 antibody (AA 31-130) (Cy3)**

### Overview

Quantity:	100 µL
Target:	IDI1
Binding Specificity:	AA 31-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDI1 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IDI1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	IDI1
Alternative Name:	IDI1 ( <a href="#">IDI1 Products</a> )

## Target Details

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**Background:** Synonyms: IDI1, IPP isomerase 1, IPP1, Isopentenyl diphosphate Delta isomerase 1, isopentenyl diphosphate dimethylallyl diphosphate isomerase 1, Isopentenyl pyrophosphate isomerase 1, IDI1\_HUMAN.

Background: IDI1 is a peroxisomally localized enzyme that catalyzes the interconversion of isopentenyl diphosphate (IPP) to its highly electrophilic isomer, dimethylallyl diphosphate (DMAPP). These are substrates for the reactions that ultimately result in the synthesis of cholesterol. There is reduction in IPP isomerase activity in peroxisomal deficiency diseases such as Zellweger syndrome and neonatal adrenoleukodystrophy.

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**Gene ID:** 3422

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**UniProt:** [Q13907](#)

## 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

## 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