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Datasheet for ABIN709276
anti-IDI1 antibody (AA 31-130) (Cy5.5)

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 Cy5.5
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 (IDI1 Products)

Target Details

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.

Gene ID: 3422

UniProt: [Q13907](#)

Application Details

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

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