

Datasheet for ABIN7449752
anti-IDI1 antibody (AA 177-227)



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Overview

Quantity:	100 µg
Target:	IDI1
Binding Specificity:	AA 177-227
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-IDI1 Antibody, Affinity Purified
Immunogen:	Between AA 177 and 227
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	IDI1
Alternative Name:	IDI1 (IDI1 Products)
Background:	Background: IDI1 encodes a peroxisomally-localized enzyme that catalyzes the interconversion of isopentenyl diphosphate (IPP) to its highly electrophilic isomer, dimethylallyl diphosphate

Target Details

(DMAPP), which are the substrates for the successive reaction that results in the synthesis of farnesyl diphosphate and, ultimately, cholesterol. It has been shown in peroxisomal deficiency diseases such as Zellweger syndrome and neonatal adrenoleukodystrophy that there is reduction in IPP isomerase activity [taken from NCBI Entrez Gene (Gene ID: 3422)].

Gene ID: 3422

UniProt: [Q13907](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months