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Datasheet for ABIN709023  
**anti-DEC1 antibody (AA 201-300) (FITC)**

### Overview

Quantity:	100 µL
Target:	DEC1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEC1 antibody is conjugated to FITC
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 DEC1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	DEC1
Alternative Name:	DEC1 ( <a href="#">DEC1 Products</a> )
Background:	Synonyms: 1200012F07Rik, 2, 2,4 dienoyl CoA reductase [NADPH], 2,4 dienoyl CoA reductase 1,

## Target Details

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2,4 dienoyl CoA reductase mitochondrial, 2,4-dienoyl-CoA reductase, mitochondrial, 4 enoyl CoA reductase, 4-dienoyl-CoA reductase [NADPH], 4-enoyle-CoA reductase [NADPH], DECR 1, DECR, DECR\_HUMAN, DECR1, Nadph, OTTMUSP0000004962, RP23-338J24.3, SDR18C1, Short chain dehydrogenase/reductase family 18C member 1.

Background: Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyle-CoA.

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Gene ID: 1666

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## 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

Restrictions: For Research Use only

## Handling

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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