



[Go to Product page](#)

Datasheet for ABIN7179092  
**anti-DIO3 antibody (AA 37-278) (FITC)**

### Overview

Quantity:	100 µg
Target:	DIO3
Binding Specificity:	AA 37-278
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIO3 antibody is conjugated to FITC
Application:	Please inquire

### Product Details

Immunogen:	Recombinant Rat Thyroxine 5-deiodinase protein (37-278AA)
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	>95%, Protein G purified

### Target Details

Target:	DIO3
Alternative Name:	Dio3 ( <a href="#">DIO3 Products</a> )
Background:	Background: Responsible for the deiodination of T4 (3,5,3',5'-tetraiodothyronine) into RT3 (3,3',5'-triiodothyronine) and of T3 (3,5,3'-triiodothyronine) into T2 (3,3'-

## Target Details

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diiodothyronine). RT3 and T2 are inactive metabolites. May play a role in preventing premature exposure of developing fetal tissues to adult levels of thyroid hormones. Can regulate circulating fetal thyroid hormone concentrations throughout gestation. Essential role for regulation of thyroid hormone inactivation during embryological development.

Aliases: Dio3 antibody, ltdi3 antibody, Txdi3 antibody, Thyroxine 5-deiodinase antibody, EC 1.21.99.3 antibody, 5DIII antibody, DIOIII antibody, Type 3 DI antibody, Type III iodothyronine deiodinase antibody

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UniProt: [P49897](#)

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Pathways: [Hormone Activity](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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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,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.