

Datasheet for ABIN7172189
anti-DIO3 antibody (AA 50-115) (Biotin)



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Overview

Quantity:	100 µg
Target:	DIO3
Binding Specificity:	AA 50-115
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIO3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Thyroxine 5-deiodinase protein (50-115AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DIO3
Alternative Name:	DIO3 (DIO3 Products)
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'-diiodothyronine). RT3

Target Details

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: 5DIII antibody, D3 antibody, Deiodinase iodothyronine type 3 antibody, Deiodinase iodothyronine type III antibody, Dio 3 antibody, Dio3 antibody, DIOIII antibody, IOD3_HUMAN antibody, Iodothyronine deiodinase placental type antibody, MGC124117 antibody, MGC124118 antibody, Thyroxine deiodinase type III antibody, Thyroxine deiodinase type III (selenoprotein) antibody, TXDI3 antibody, Type 3 DI antibody, Type 3 iodothyronine selenodeiodinase antibody, Type III 5' deiodinase antibody, Type III iodothyronine deiodinase antibody, Type-III 5"-deiodinase antibody

UniProt: [P55073](#)

Pathways: [Hormone Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

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,-80 °C

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