

Datasheet for ABIN5699969
anti-DIO1 antibody



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Overview

Quantity:	100 µg
Target:	DIO1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIO1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	deiodinase, iodothyronine, type I
Isotype:	IgG

Target Details

Target:	DIO1
Alternative Name:	DIO1 (DIO1 Products)
Background:	Synonyms:5DI, DIO1, DIOI, ITDI1, TXDI1, Type 1 DI, Type I 5 deiodinase Background:Responsible for the deiodination of T4(3,5,3',5'-tetraiodothyronine) into T3(3,5,3'-triiodothyronine) and of T3 into T2(3,3'-diiodothyronine). Plays a role in providing a source of plasma T3 by deiodination of T4 in peripheral tissues such as liver and kidney.
Molecular Weight:	13 kDa, 29 kDa
Gene ID:	1733

Target Details

UniProt:	P49895
Pathways:	Hormone Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	A549 cells were subjected to SDS PAGE followed by western blot with FNab02391(DIO1 antibody) at dilution of 1:1000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months