

Datasheet for ABIN452912
anti-DIO1 antibody (N-Term)



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Overview

Quantity:	0.4 mL
Target:	DIO1
Binding Specificity:	AA 36-66, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 36~66 amino acids from the N-terminal region of Human DIO1
Specificity:	This antibody detects DIO1 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	DIO1
Alternative Name:	DIO1 (DIO1 Products)
Background:	DIO1 is a thiol-requiring propylthiouracil-sensitive oxidoreductase. It activates thyroid hormone by converting the prohormone thyroxine (T4) by outer ring deiodination (ORD) to bioactive 3,3',5-triiodothyronine (T3). It also degrades both hormones by inner ring deiodination

Target Details

	(IRD).Synonyms: DIOL, ITDI1, TXDI1, Type I iodothyronine deiodinase, Type-I 5'-deiodinase
Molecular Weight:	28924 Da
Gene ID:	1733
NCBI Accession:	NP_000783
UniProt:	P49895
Pathways:	Hormone Activity

Application Details

Application Notes:	Western blot: 1: 100 - 1: 500. ELISA: 1: 1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

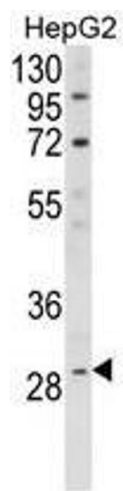


Image 1.