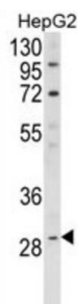


Type I Iodothyronine Deiodinase (DIO1) Antibody

Catalogue No.: abx033087



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 (IRD).

Target:	Type I Iodothyronine Deiodinase (DIO1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 30-57 amino acids from the N-terminal region of human DIO1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49895 (UniProt , ExPASy)
KEGG:	hsa:1733

Datasheet

Version: 3.0.0

Revision date: 22 Apr 2025



String: [9606.ENSF00000354643](#)

Molecular Weight: Calculated MW: 28.9 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only