

## DIO1 Antibody (N-term)

Catalog_no :	AB2458
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:30-57
Specificity :	This DIO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-57 amino acids from the N-terminal region of human DIO1.
Dilution :	WB,1:2000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Type I iodothyronine deiodinase, 5DI, DIOI, Type 1 DI, Type-I 5'-deiodinase, DIO1, ITDI1, TXDI1
Isotype :	Rabbit Ig
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 (IRD).
reference :	Landa,I., et.al., PLoS Genet. 5 (9), E1000637 (2009)