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anti-DIO2 antibody (AA 101-200) (AbBy Fluor® 350)



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Quantity:	100 μL	
Target:	DIO2	
Binding Specificity:	AA 101-200	
Reactivity:	Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DIO2 antibody is conjugated to AbBy Fluor® 350	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DIO2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DIO2
Alternative Name:	DIO2 (DIO2 Products)

Target Details

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Background:	Synonyms: 5DII, D2, Deiodinase, iodothyronine, type II, DIOII, ITDI2, SelY, Thyroxine deiodinase,	
	type II, TXDI2, Type 2 DI, Type II 5' deiodinase, Type II iodothyronine deiodinase.	
	Background: DIO2 belongs to the iodothyronine deiodinase family and is responsible for the	
	deiodination of T4 (3,5,3',5'-tetraiodothyronine) into T3 (3,5,3'-triiodothyronine). It is essential for	
	providing the brain with appropriate levels of T3 during the critical period of development. DIO2	
	is expressed in heart, skeletal muscle, placenta, fetal brain and several regions of the adult	
	brain. There are two named isoforms.	
Gene ID:	1734	
Pathways:	Hormone Transport, Hormone Activity	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
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	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	