antibodies - online.com







anti-DIO2 antibody (AA 165-191)



Images



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Quantity:	400 μL	
Target:	DIO2	
Binding Specificity:	AA 165-191	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DIO2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)	
Product Details		
Immunogen:	This DIO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 165-191 amino acids of human DIO2.	
Clone:	RB22907	
Isotype:	IgG	
Predicted Reactivity:	Pig	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	DI02	

Storage:

Expiry Date:

Storage Comment:

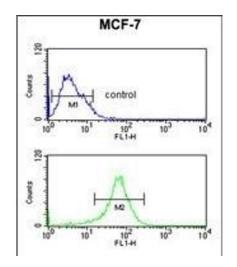
Target Details		
Alternative Name:	DIO2 (DIO2 Products)	
Background:	DIO2 belongs to the iodothyronine deiodinase family. It activates thyroid hormone by converting the prohormone thyroxine (T4) by outer ring deiodination (ORD) to bioactive 3,3',5-triiodothyronine (T3).	
Molecular Weight:	30552	
Gene ID:	1734	
NCBI Accession:	NP_000784, NP_001007024, NP_001229431, NP_001229432, NP_054644	
UniProt:	Q92813	
Pathways:	Hormone Transport, Hormone Activity	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:500-2000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

Maintain refrigerated at 2-8 $^{\circ}$ C for up to 6 months. For long term storage store at -20 $^{\circ}$ C in small

4 °C,-20 °C

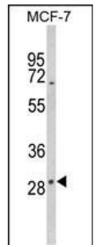
6 months

aliquots to prevent freeze-thaw cycles.



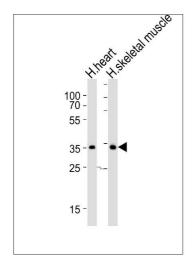
Flow Cytometry

Image 1. DIO2 Antibody (Center) (ABIN652664 and ABIN2842445) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of DIO2 Antibody (Center) (ABIN652664 and ABIN2842445) in MCF-7 cell line lysates (35 μ g/lane). DIO2 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of lysates from human heart and human skeletal muscle tissue lysate (from left to right), using DIO2 Antibody (Center) (ABIN652664 and ABIN2842445). (ABIN652664 and ABIN2842445) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35 μ g per lane.

Please check the product details page for more images. Overall 5 images are available for ABIN652664.