

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DIO1



Numéro de catalogue: 11790-1-AP

11 Publications

Informations de base

Numéro de catalogue: 11790-1-AP	Numéro d'acquisition GenBank: BC017955	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 650 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1733	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: deiodinase, iodothyronine, type I	
Isotype: IgG	MW calculé: 249 aa, 29 kDa	
Immunogen Catalog Number: AG2410	MW observés: 29 kDa, 13 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB: tissu pulmonaire de souris, cellules A549, cellules HeLa, cellules U-937, tissu ovarien de souris, tissu pulmonaire de rat

IHC: tissu de cancer du foie humain, tissu de tumeur ovarienne humaine, tissu rénal humain

IF: cellules A549,

Informations générales

DIO1 (Type I iodothyronine deiodinase) is also named as ITDI1, TXDI1, 5DI, DIO1 and belongs to the iodothyronine deiodinase family. It is a membrane selenoprotein that catalyzes the deiodination of L-thyroxine to the biologically active thyroid hormone 3,3',5-triiodothyronine. DIO1 is located in liver, kidney, and thyroid, which has both ORD and IRD activities (PMID: 9389495). It has some isoforms produced by alternative splicing with the MW of 29 kDa, 21 kDa, 13 kDa, 23 kDa, 19 kDa, 4 kDa, 13 kDa, 9 kDa and 10 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Paula B M De Andrade	26441673	Front Physiol	WB
B Chellan	33122797	Sci Rep	WB
Xiang Li	35553364	Breast Cancer	WB

Stockage

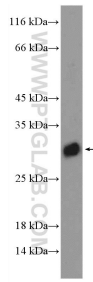
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20°C

*** Les 20ul contiennent 0,1% de BSA.

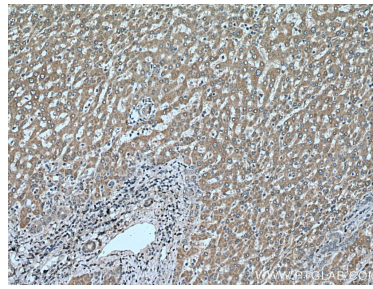
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

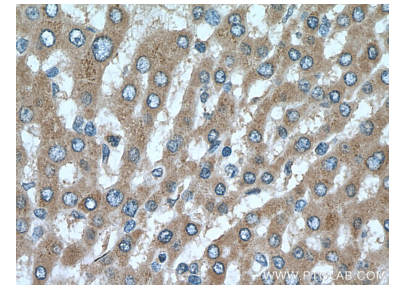
Données de validation sélectionnées



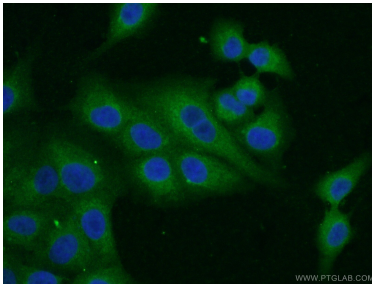
mouse lung tissue were subjected to SDS PAGE followed by western blot with 11790-1-AP (DIO1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



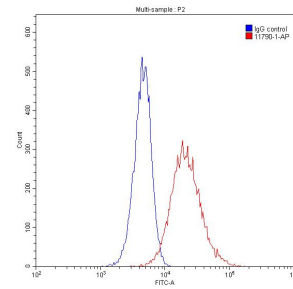
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11790-1-AP (DIO1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11790-1-AP (DIO1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 11790-1-AP (DIO1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HeLa cells were stained with 0.20ug DIO1 antibody (11790-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.