

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OCT1



Numéro de catalogue: 10387-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:
10387-1-AP

Taille:
150ul, Concentration: 700 µg/ml by
Nanodrop and 333 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0586

Numéro d'acquisition GenBank:
BC003571

Identification du gène (NCBI):

5451
Nom complet:
POU class 2 homeobox 1

MW calculé
76 kDa

MW observés:
90 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:2000-1:12000
IP 0.5-4.0 ug for IP and 1:200-1:1000
for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
ChIP, IF, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, porc, 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 : cellules HEK-293, cellules HeLa, cellules HepG2, cellules NCCIT

IP : cellules HeLa,

IHC : tissu de cancer du côlon humain, tissu de lymphome humain

IF : cellules HeLa,

Informations générales

The POU class 2 homeobox 1 (POU2F1), also known as octamer-binding transcription factor-1 (OCT-1), is a ubiquitous nuclear protein that regulates the transcription of target genes by binding to a cis-acting octamer element(5'-ATTTGCAT-3'). It participated in the regulation of housekeeping genes, including histone H2B and snRNAs, for cell differentiation and proliferation [PMID:3462701]. In addition, it functions as a cellular stress sensor that modulates activities of tissue-specific target genes involved in immune and inflammatory responses [PMID:16322220]. It also acts as a repressor for the cytokine-inducible, NF-κB-dependent expression of E-selectin and the vascular cell adhesion molecule during vascular inflammation. Otherwise, it can interact with nuclear hormone receptors, such as the retinoid X receptor, the thyroid hormone receptor and the glucocorticoid receptor, and influence their transcription activity[PMID:17192276].

Publications notables

Autrice	Pubmed ID	Journal	Application
Erina Minato	31758567	Microbiol Immunol	WB
Elisa Närvä	35677646	iScience	WB
Ni Zeng	29604329	Mol Cell Endocrinol	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 -20C

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

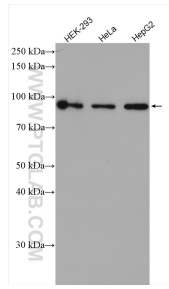
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

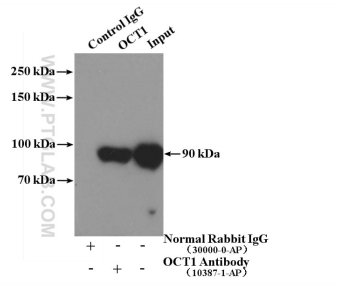
E: proteintech@ptglab.com
W: ptglab.com

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

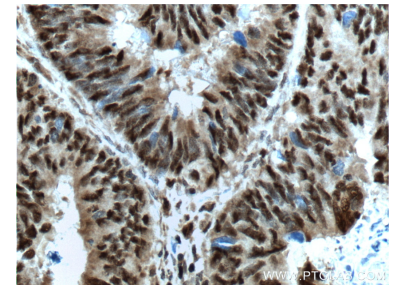
Données de validation sélectionnées



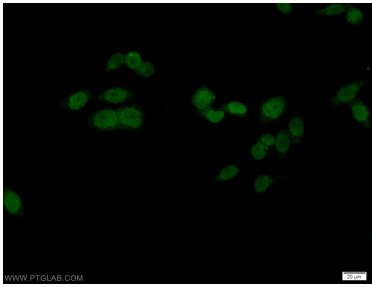
Various lysates were subjected to SDS PAGE followed by western blot with 10387-1-AP (OCT1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP Result of anti-OCT1 (IP:10387-1-AP, 4ug; Detection:10387-1-AP 1:300) with HeLa cells lysate 1600ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10387-1-AP (OCT1 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 10387-1-AP (OCT1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).