À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-OCIAD1

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Numéro de catalogue:16634-1-AP 2 Publications

## Informations de base

Numéro de catalogue:
16634-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 313 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9977

Numéro d'acquisition GenBank:
BC003409

Identification du gène (NCBI):
54940

Nom complet:
OCIA domain containing 1

MW calculé
28 kDa

MW observés:
29-35 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
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:
IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

***Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.***

Contrôles positifs:

WB : cellules HeLa, cellules MCF-7, tissu placentaire humain

IP : cellules HeLa,

IHC : tissu de cancer du foie humain, tissu de cancer de la thyroïde humain, tissu de cancer du pancréas humain, tissu rénal humain

IF : cellules HepG2,

## Informations générales

OCIAD1 was first identified by immunoscreening of an ovarian carcinoma cDNA expression library with ascites fluid from ovarian cancer patients (PMID: 11162530). OCIAD1 has been reported as a key player in ovarian cancer cell adhesion, as well as a key player in generating ovarian cancer recurrence (PMID: 18328549; 20515946). In addition to its roles in cancer, OCIAD1 participates in maintaining stem cell potency by regulating the Jak/STAT pathway (PMID: 23972987). Several alternatively spliced forms of OCIAD1 gene have been identified. The longest form (1.4 kb) is predicted to encode for a 27.6 kDa protein of 245 amino acids. This antibody detects OCIAD1 with an apparent molecular weight of ~35 kDa as has been demonstrated by several researches (PMID: 27345969; 27345976).

## Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---|---|---|---|
| Huong T L Tran | 32697788 | PLoS One | WB,IF |
| Nagata Chigusa C | 22726067 | Pathol Int | IHC |

## Stockage

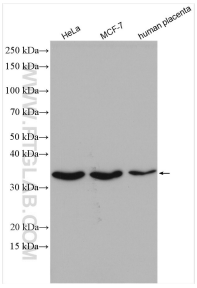
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

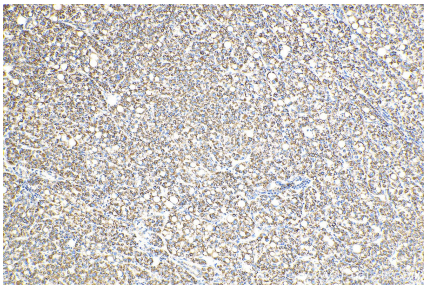
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

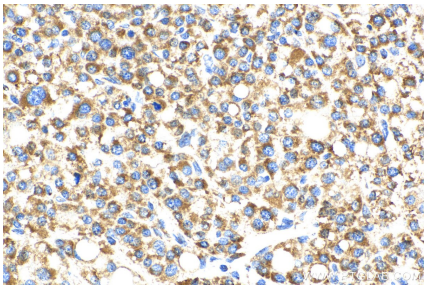
## Données de validation sélectionnées



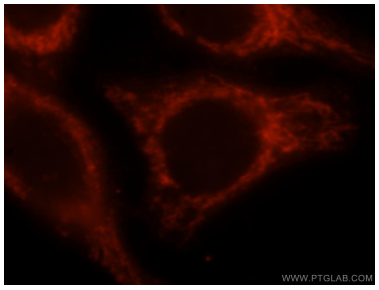

Various lysates were subjected to SDS PAGE followed by western blot with 16634-1-AP (OCIAD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



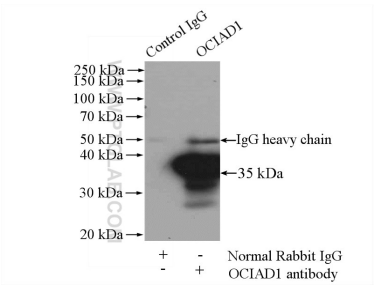
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16634-1-AP (OCIAD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16634-1-AP (OCIAD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).




Immunofluorescent analysis of HepG2 cells, using OCIAD1 antibody 16634-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).




IP Result of anti-OCIAD1 (IP:16634-1-AP, 4ug; Detection:16634-1-AP 1:300) with HeLa cells lysate 3200ug.