

For Research Use Only

OCIAD1 Polyclonal antibody, PBS Only

Catalog Number: 16634-1-PBS



Basic Information

Catalog Number:

16634-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9977

GenBank Accession Number:

BC003409

GeneID (NCBI):

54940

UNIPROT ID:

Q9NX40

Full Name:

OCIA domain containing 1

Calculated MW:

28 kDa

Observed MW:

29-35 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

Background Information

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

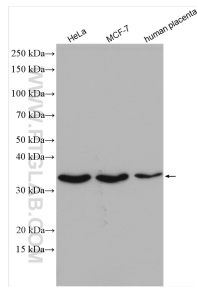
For technical support and original validation data for this product please contact:

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

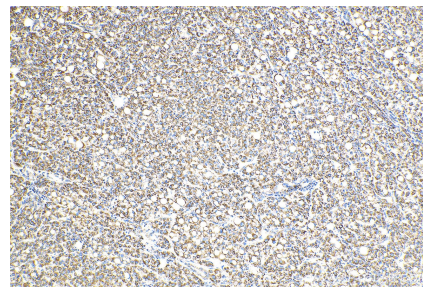
E: proteintech@ptglab.com
W: ptglab.com

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

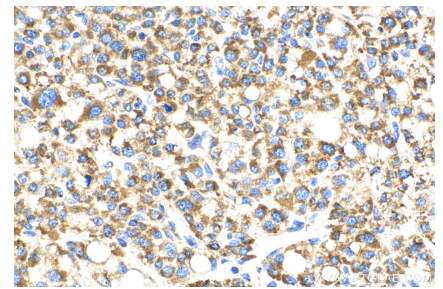
Selected Validation Data



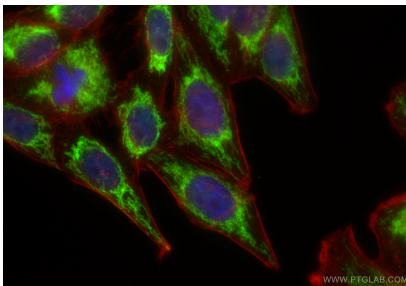
Various lysates were subjected to SDS PAGE followed by western blot with 16634-1-AP (OCIAD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16634-1-PBS in a different storage buffer formulation.



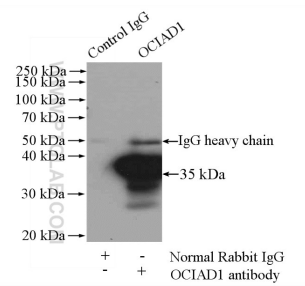
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16634-1-AP (OCIAD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16634-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 16634-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using OCIAD1 antibody (16634-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 16634-1-PBS in a different storage buffer formulation.



IP result of anti-OCIAD1 (IP:16634-1-AP, 4ug; Detection:16634-1-AP 1:300) with HeLa cells lysate 3200ug. This data was developed using the same antibody clone with 16634-1-PBS in a different storage buffer formulation.