

For Research Use Only

CAD Polyclonal antibody

Catalog Number: 16617-1-AP **3 Publications**



Basic Information

Catalog Number:

16617-1-AP

Size:

150ul , Concentration: 600 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9912

GenBank Accession Number:

BC014178

GeneID (NCBI):

790

Full Name:

carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase

Calculated MW:

2225 aa, 243 kDa

Observed MW:

240 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells,

IP : HEK-293 cells,

IHC : human liver cancer tissue,

IF : HEK-293 cells,

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|----------------|-------------|
| Xiaoxue Song | 33206174 | Carcinogenesis | WB |
| Yajing Lv | 33186350 | PLoS Biol | WB, IHC |
| Gengyi Zou | 32550907 | Theranostics | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

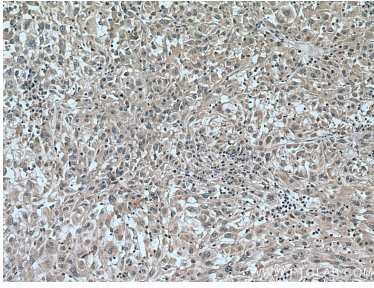
For technical support and original validation data for this product please contact:

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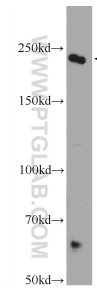
E: proteintech@ptglab.com
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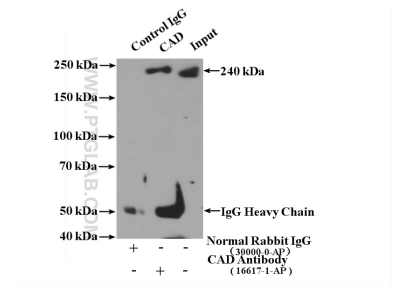
Selected Validation Data



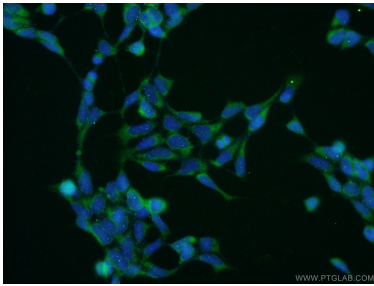
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16617-1-AP (CAD antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 16617-1-AP (CAD Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-CAD (IP:16617-1-AP, 4ug; Detection:16617-1-AP 1:500) with HEK-293 cells lysate 2800ug.



Immunofluorescent analysis of HEK-293 cells using 16617-1-AP (CAD antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).