

For Research Use Only

CLUAP1 Polyclonal antibody

Catalog Number: 17470-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

17470-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11419

GenBank Accession Number:

BC017070

GeneID (NCBI):

23059

UNIPROT ID:

Q96AJ1

Full Name:

clusterin associated protein 1

Calculated MW:

413 aa, 48 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat, canine

Cited Species:

human

Positive Controls:

WB : mouse testis tissue, COLO 320 cells, HepG2 cells, Y79 cells

IP : HepG2 cells,

IF/ICC : MDCK cells,

Background Information

CLUAP1 (Clusterin-associated protein 1) was originally identified as a protein that interacts with CLU/clusterin, and whose gene is frequently upregulated in colon cancer (PMID: 15480429). Overexpression of CLUAP1 was also observed in osteosarcoma (PMID: 17203229). CLUAP1 is most abundantly expressed in testis among normal tissues (PMID: 15480429; 17203229). Studies reveal that CLUAP1 has a role in ciliogenesis and cilia-dependent development (PMID: 23351563; 23742838; 24970261).

Notable Publications

Author	Pubmed ID	Journal	Application
Tomoharu Kanie	28625565	Dev Cell	WB
Tina Beyer	29615496	Mol Cell Proteomics	WB,IF

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

*** 20ul sizes contain 0.1% BSA

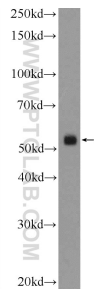
For technical support and original validation data for this product please contact:

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

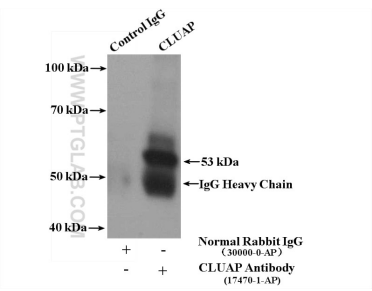
E: proteintech@ptglab.com
W: ptglab.com

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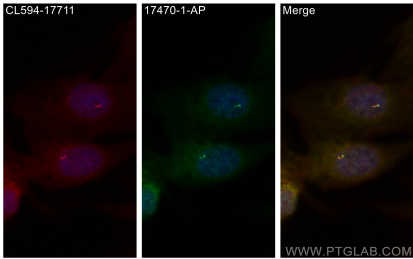
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17470-1-AP (CLUAP1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-CLUAP1 (IP:17470-1-AP, 4ug; Detection:17470-1-AP 1:600) with HepG2 cells lysate 2400ug.



Immunofluorescent analysis of (4% PFA) fixed MDCK cells using CLUAP1 antibody (17470-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CoraLite®594 ARL13B antibody (CL594-17711, red).