

For Research Use Only

CALCOCO1 Polyclonal antibody

Catalog Number: 19843-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

19843-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13876

GenBank Accession Number:

BC003177

GeneID (NCBI):

57658

UNIPROT ID:

Q9P1Z2

Full Name:

calcium binding and coiled-coil domain 1

Calculated MW:

691 aa, 77 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : HEK-293T cells, HT-1080 cells, HeLa cells, MCF-7 cells, Ramos cells, NIH/3T3 cells

IHC : human testis tissue, human kidney tissue, mouse brain tissue, mouse testis tissue

IF/ICC : HeLa cells,

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

Notable Publications

Author	Pubmed ID	Journal	Application
Junghyun Lim	31287416	Elife	WB
Lisa M Cooper	32092437	Cell Signal	WB
Lucia Taraborrelli	37741832	Nat Commun	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

*** 20ul sizes contain 0.1% BSA

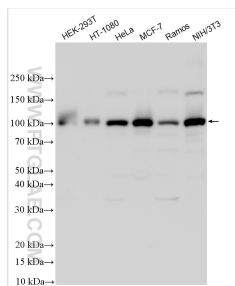
For technical support and original validation data for this product please contact:

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

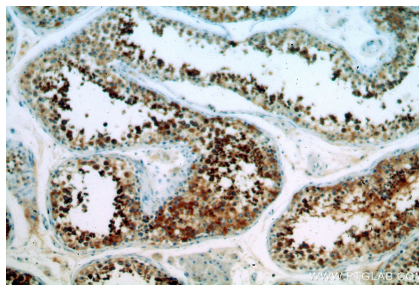
E: proteintech@ptglab.com
W: ptglab.com

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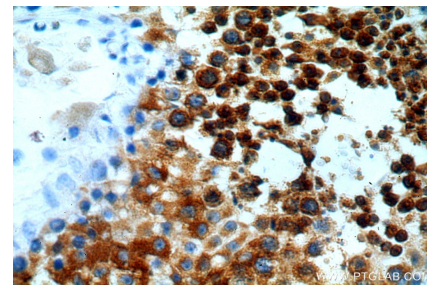
Selected Validation Data



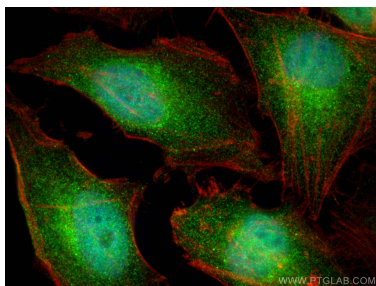
Various lysates were subjected to SDS PAGE followed by western blot with 19843-1-AP (CALCOCO1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 19843-1-AP (CALCOCO1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 19843-1-AP (CALCOCO1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CALCOCO1 antibody (19843-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).