

For Research Use Only

CABC1 Polyclonal antibody, PBS Only

Catalog Number: 15528-1-PBS

Featured Product



Basic Information

Catalog Number:

15528-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7612

GenBank Accession Number:

BC005171

GeneID (NCBI):

56997

UNIPROT ID:

Q8NI60

Full Name:

chaperone, ABC1 activity of bc1 complex homolog (S. pombe)

Calculated MW:

72 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CABC1 (Chaperone, ABC1 activity of bc1 complex homolog) is induced by the tumor suppressor p53 and is similar to the yeast ABC1, which is involved in an electron-transferring membrane protein complex in the respiratory chain. The CABC1 product was located in mitochondria, and may play an important role in mediating p53-inducible apoptosis. Four isoforms of CABC1 exist due to alternative splicing events.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

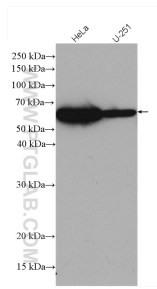
For technical support and original validation data for this product please contact:

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

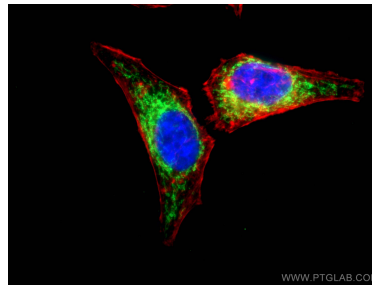
E: proteintech@ptglab.com
W: ptglab.com

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

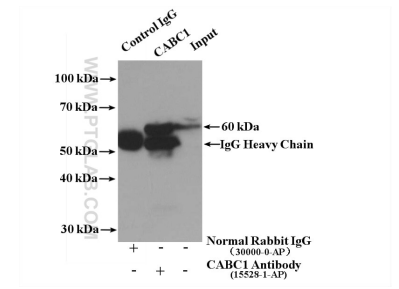
Selected Validation Data



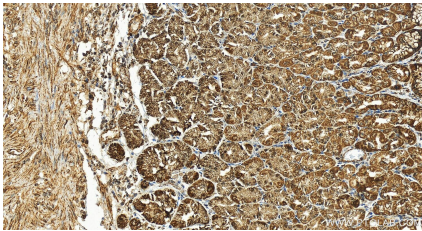
Various lysates were subjected to SDS PAGE followed by western blot with 15528-1-AP (CABC1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15528-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 15528-1-AP (CABC1 antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Red: CL555-phalloidin staining of F-actin. This data was developed using the same antibody clone with 15528-1-PBS in a different storage buffer formulation.



IP result of anti-CABC1 (IP:15528-1-AP, 4ug; Detection:15528-1-AP 1:300) with mouse heart tissue lysate 3700 ug. This data was developed using the same antibody clone with 15528-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 15528-1-AP (CABC1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15528-1-PBS in a different storage buffer formulation.