

For Research Use Only

# CUTA Polyclonal antibody, PBS Only

Catalog Number:15610-1-PBS



## Basic Information

Catalog Number:

15610-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8000

GenBank Accession Number:

BC005890

GeneID (NCBI):

51596

UNIPROT ID:

O60888

Full Name:

cutA divalent cation tolerance homolog (E. coli)

Calculated MW:

19 kDa

Observed MW:

15 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

CUTA also known as ACHAP, functions in cellular copper sensitivity and in the processing and trafficking of membrane proteins. CUTA, the mammalian CutA divalent cation tolerance homolog (E. coli), has been proposed to mediate acetylcholinesterase activity and copper homeostasis. Human CUTA has several variants that differ in N-terminal length and are separated as heavy (H) and light (L) components. The H component of human CUTA was associated with the membrane fraction, whereas the L component of human CUTA was in the cytosol (PMID: 22351782).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

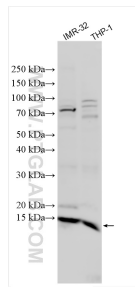
T: 4006900926

E: Proteintech-CN@ptglab.com

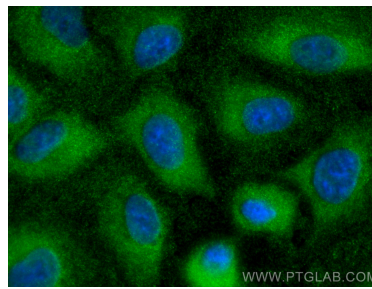
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15610-1-AP (CUTA antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15610-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CUTA antibody (15610-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 15610-1-PBS in a different storage buffer formulation.