

For Research Use Only

# CUTA Polyclonal antibody, PBS Only

Catalog Number:15610-1-PBS



## Basic Information

**Catalog Number:**

15610-1-PBS

**Size:**

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

**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.

**Storage Buffer:**

PBS only, pH7.3

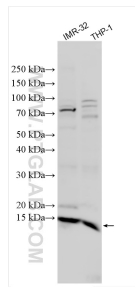
For technical support and original validation data for this product please contact:

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

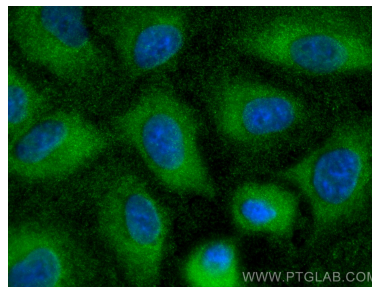
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 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.