

For Research Use Only

CUTA Polyclonal antibody

Catalog Number: 15610-1-AP



Basic Information

Catalog Number: 15610-1-AP	GenBank Accession Number: BC005890	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 51596	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O60888	
Isotype: IgG	Full Name: cutA divalent cation tolerance homolog (E. coli)	
Immunogen Catalog Number: AG8000	Calculated MW: 19 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : IMR-32 cells, THP-1 cells
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 -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

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

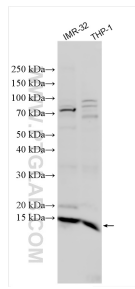
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Selected Validation Data



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.