

For Research Use Only

UBXN7 Polyclonal antibody

Catalog Number:32722-1-AP



Basic Information

Catalog Number: 32722-1-AP	GenBank Accession Number: NM_015562.1	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 26043	Recommended Dilutions: WB: 1:1000-1:8000
Source: Rabbit	UNIPROT ID: O94888	
Isotype: IgG	Full Name: UBX domain protein 7	
Immunogen Catalog Number: AG38516	Calculated MW: 55kDa 489aa	
	Observed MW: 65-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COLO 320 cells, RT-4 cells, U-251 cells
Species Specificity: human	

Background Information

UBXN7(UBX domain protein 7) is a protein with ubiquitin-binding activity and ubiquitin-proteasome-binding activity. It contains four different domains, namely, the N-terminal UBA domain, the UAS domain, the Ubiquitin Interaction motif (UIM) and the C-terminal UBX domain. The level of UBXN7 will affect the metabolic state of cells. High levels of UBXN7 and HIF-1 α accumulation support glycolysis, while inactivation of UBXN7 and activation of NRF2 increase oxidative phosphorylation (PMID: 33444648).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

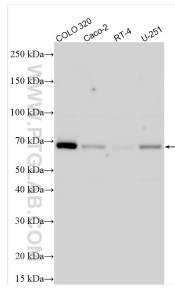
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32722-1-AP (UBXN7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.