

For Research Use Only

ATPBD4 Monoclonal antibody

Catalog Number: 68397-1-Ig



Basic Information

Catalog Number: 68397-1-Ig	GenBank Accession Number: BC008485	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 89978	CloneNo.: 2B12E1
Source: Mouse	Full Name: ATP binding domain 4	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 267 aa, 30 kDa	
Immunogen Catalog Number: AG33218	Observed MW: 28-30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, K-562 cells, LNCaP cells, HeLa cells, HEK-293 cells
Species Specificity: Human	

Background Information

Diphthamide is a highly modified histidine in the transcription factor EEF2 that is conserved from yeast to human. ATPBD4, also known as DPH6, belongs to the Diphthine--ammonia ligase family. DPH6 amidase may catalyze the last step of diphthamide biosynthesis using ammonium and ATP to play a role in catalyzing the final step of diphthamide biosynthesis, amidation of diphthine to diphthamide (PubMed:23169644).

Storage

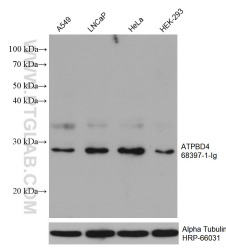
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

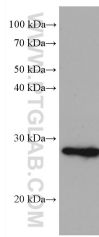
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68397-1-Ig (ATPBD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



K-562 cells were subjected to SDS PAGE followed by western blot with 68397-1-Ig (ATPBD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.