

For Research Use Only

ATPBD4 Monoclonal antibody, PBS Only



Catalog Number: 68397-1-PBS

Basic Information

Catalog Number: 68397-1-PBS	GenBank Accession Number: BC008485	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 89978	CloneNo.: 2B12E1
Source: Mouse	UNIPROT ID: Q7L8W6	
Isotype: IgG1	Full Name: ATP binding domain 4	
Immunogen Catalog Number: AG33218	Calculated MW: 267 aa, 30 kDa	
	Observed MW: 28-30 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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

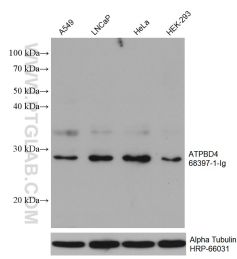
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

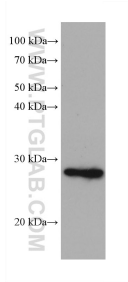
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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. This data was developed using the same antibody clone with 68397-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 68397-1-PBS in a different storage buffer formulation.