

For Research Use Only

ATP5S Polyclonal antibody

Catalog Number: 16335-1-AP **1 Publications**



Basic Information

Catalog Number: 16335-1-AP	GenBank Accession Number: BC011549	Purification Method: Antigen affinity purification
Concentration: 450 ug/ml	GeneID (NCBI): 27109	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q99766	
Isotype: IgG	Full Name: ATP synthase, H ⁺ transporting, mitochondrial FO complex, subunit s (factor B)	
Immunogen Catalog Number: AG9486	Calculated MW: 127aa, 15 kDa; 215aa, 25 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, K-562 cells, human placenta tissue
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

DMAC2L also known as ATP5S, belongs to the ATP synthase family, which is a group of enzymes that play a crucial role in cellular energy production. ATP synthase is the central enzyme in oxidative phosphorylation, responsible for the production of most of the ATP in mammalian organisms. ATP5S is the S subunit (also known as factor B) of mitochondrial FO complex of ATP synthase. It is an essential component of the H⁺ channel of the FO complex (PMID:7706317, 6143319).

Notable Publications

Author	Pubmed ID	Journal	Application
Fengyun Wen	26385595	Biochem Genet	WB

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:

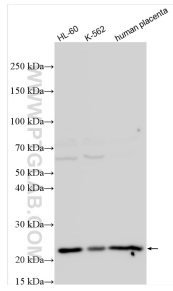
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16335-1-AP (ATP5S antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.