

For Research Use Only

ADCK4 Monoclonal antibody

Catalog Number: 68877-1-Ig



Basic Information

Catalog Number: 68877-1-Ig	GenBank Accession Number: BC013114	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 79934	CloneNo.: 1B7E3
Source: Mouse	UNIPROT ID: Q96D53	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: aarF domain containing kinase 4	
Immunogen Catalog Number: AG13188	Calculated MW: 544 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
Species Specificity: human	

Background Information

ADCK4 (AarF domain-containing protein kinase 4), also known as COQ8B (Coenzyme Q protein 8B), is an atypical kinase involved in the biosynthesis of coenzyme Q, which is also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration (PMID: 24270420). Its substrate specificity is unclear: does not show any protein kinase activity. It probably acts as a small molecule kinase, possibly a lipid kinase that phosphorylates a prenyl lipid in the ubiquinone biosynthesis pathway (PMID: 24270420).

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:

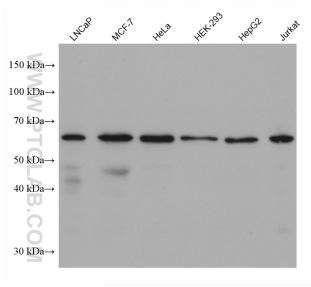
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68877-1-Ig (ADCK4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.