

For Research Use Only

KIAA0196 Polyclonal antibody

Catalog Number:32028-1-AP



Basic Information

Catalog Number: 32028-1-AP	GenBank Accession Number: NM_014846.3	Purification Method: Antigen affinity Purification
Size: 600 ug/ml	GeneID (NCBI): 9897	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q12768	
Isotype: IgG	Full Name: KIAA0196	
Immunogen Catalog Number: AG36916	Calculated MW: 134kDa, 1159aa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, MCF-7 cells, NIH/3T3 cells
Species Specificity: human, mouse	

Background Information

KIAA0196 is a core component of the WASH complex, an actin-regulating complex involved in intracellular trafficking, mitochondrial metabolism, and myelination. It plays a crucial role in maintaining the structural integrity of myofibrils and regulating cardiac function. Recent studies have identified KIAA0196 as a susceptibility gene for abnormal cardiac development. Mutations or reduced expression of KIAA0196 can lead to cardiac defects, such as enlarged hearts and myocardial contractile dysfunction (PMID: 32417190).

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:

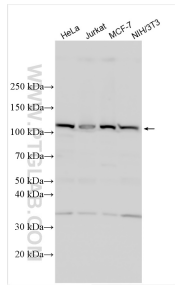
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32028-1-AP (KIAA0196 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.