

For Research Use Only

# KIAA0196 Polyclonal antibody, PBS Only

Catalog Number:32028-1-PBS



## Basic Information

<b>Catalog Number:</b> 32028-1-PBS	<b>GenBank Accession Number:</b> NM_014846.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9897	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q12768	
<b>Isotype:</b> IgG	<b>Full Name:</b> KIAA0196	
<b>Immunogen Catalog Number:</b> AG36916	<b>Calculated MW:</b> 134kDa 1159aa	
	<b>Observed MW:</b> 120 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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 -80°C.

**Storage Buffer:**  
PBS Only

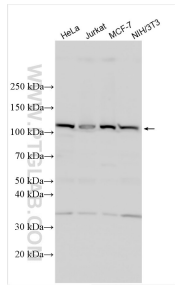
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## Selected Validation Data



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. This data was developed using the same antibody clone with 32028-1-PBS in a different storage buffer formulation.