

For Research Use Only

# WDR66 Polyclonal antibody, PBS Only

Catalog Number: 33624-1-PBS



## Basic Information

<b>Catalog Number:</b> 33624-1-PBS	<b>GenBank Accession Number:</b> BC028421	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 144406	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TBY9	
<b>Isotype:</b> IgG	<b>Full Name:</b> WD repeat domain 66	
<b>Immunogen Catalog Number:</b> AG36992	<b>Observed MW:</b> 46 kDa, 130kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

WDR66 (WD repeat domain 66), also designated as CFAP251 (cilia- and flagella-associated protein 251), is a member of the WD40 repeat domain protein family. Members of this family typically serve as scaffold molecules facilitating the assembly of diverse protein complexes. The primary function of WDR66/CFAP251 is intimately associated with the structural integrity and motility of sperm flagella and motile cilia. As an essential constituent of the calmodulin- and spoke-associated complex, WDR66/CFAP251 localizes to the base of the axonemal radial spokes and plays a critical role in the proper assembly, stability, and motility of sperm flagella.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

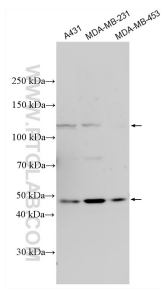
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33624-1-AP (WDR66 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33624-1-PBS in a different storage buffer formulation.