

For Research Use Only

# WDR62 Polyclonal antibody

Catalog Number: 23404-1-AP



## Basic Information

<b>Catalog Number:</b> 23404-1-AP	<b>GenBank Accession Number:</b> BC017261	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 284403	<b>Recommended Dilutions:</b> IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O43379	
<b>Isotype:</b> IgG	<b>Full Name:</b> WD repeat domain 62	
<b>Immunogen Catalog Number:</b> AG19865	<b>Calculated MW:</b> 1518 aa, 166 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, IP, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>IP :</b> HEK-293T cells,
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse testis tissue,
	<b>IF/ICC :</b> hTERT-RPE1 cells, A549 cells

## Background Information

The WD40-repeat protein 62 (WDR62) is a scaffold protein that recruits different components of the JNK signaling pathway to regulate several human diseases including neurological disorders, infertility, and tumorigenesis (PMID: 33937237). Moreover, WDR62 participates in diverse biological processes, especially mitotic spindle organization via regulating centriole biogenesis and the function of centriole-associated protein (PMID: 35093571).

## Storage

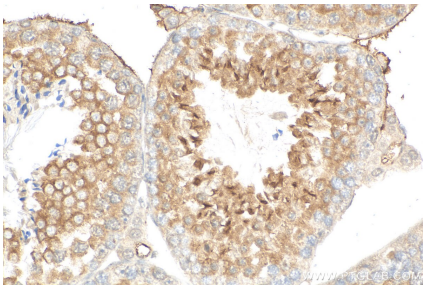
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

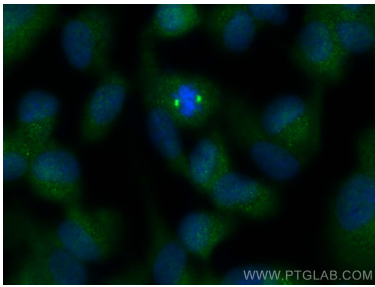
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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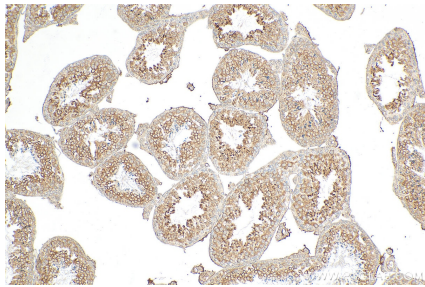
Selected Validation Data



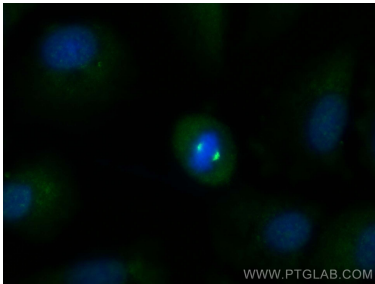
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 23404-1-AP (WDR62 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



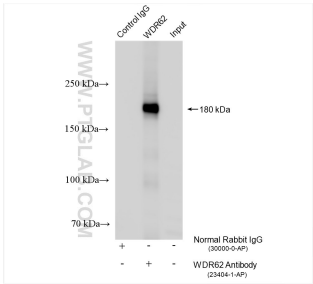
Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using WDR62 antibody (23404-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 23404-1-AP (WDR62 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using WDR62 antibody (23404-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-WDR62 (IP:23404-1-AP, 4ug; Detection:23404-1-AP 1:500) with HEK-293T cells lysate 1320 ug.