

For Research Use Only

WDR62 Polyclonal antibody

Catalog Number: 23404-1-AP



Basic Information

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

Applications

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

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

For technical support and original validation data for this product please contact:

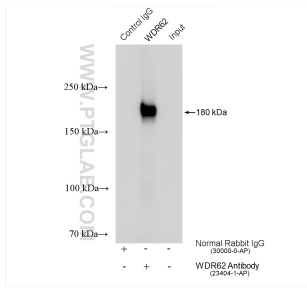
T: 4006900926

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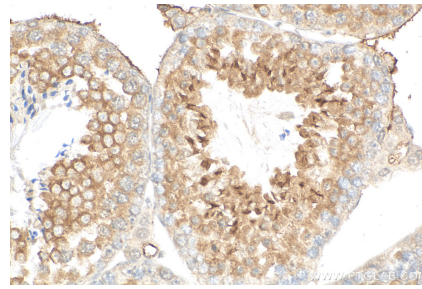
W: ptgcn.com

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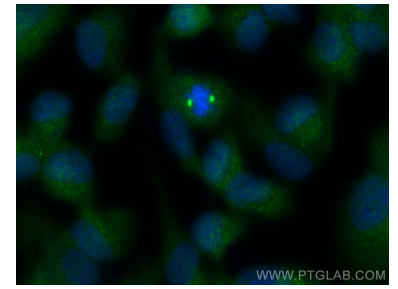
Selected Validation Data



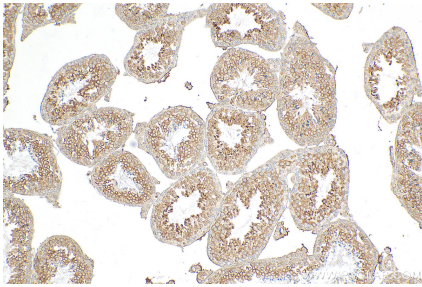
IP result of anti-WDR62 (IP:23404-1-AP, 4ug; Detection:23404-1-AP 1:300) with HEK-293T cells lysate 1560 ug.



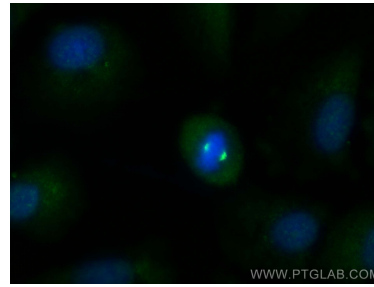
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 23404-1-AP (WDR62 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).