

# WDR62 Polyclonal antibody

Catalog Number: 23404-1-AP

## Basic Information

**Catalog Number:**

23404-1-AP

**Size:**

600 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19865

**GenBank Accession Number:**

BC017261

**GeneID (NCBI):**

284403

**UNIPROT ID:**

O43379

**Full Name:**

WD repeat domain 62

**Calculated MW:**

1518 aa, 166 kDa

**Purification Method:**

Antigen Affinity purified

**Recommended Dilutions:**

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

## Applications

**Tested Applications:**

IHC, IF/ICC, IP, ELISA

**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**

**Positive Controls:**

IP : HEK-293T cells,

IHC : mouse testis tissue,

IF/ICC : 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:**

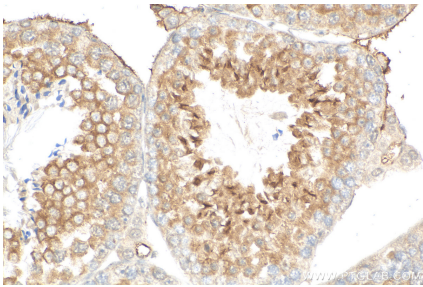
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

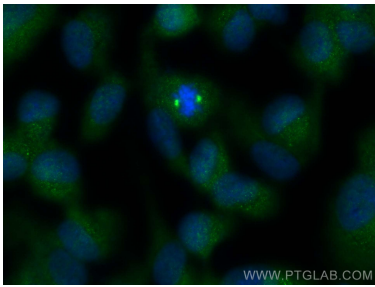
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

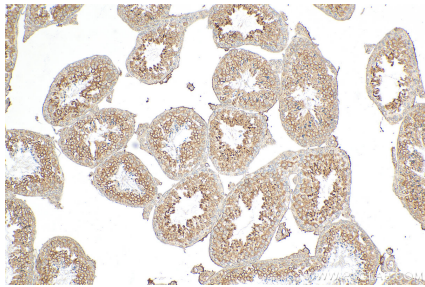
Selected Validation Data



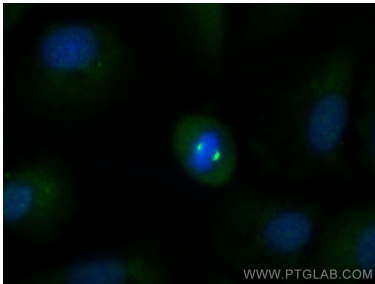
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 23404-1-AP (WDR62 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



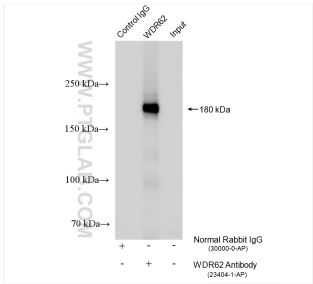
Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using WDR62 antibody (23404-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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.