

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-HOP2



Numéro de catalogue: 11339-1-AP

Phare

5 Publications

## Informations de base

Numéro de catalogue:  
11339-1-AP

Taille:  
150ul, Concentration: 700 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG1883

Numéro d'acquisition GenBank:  
BC008792

Identification du gène (NCBI):  
29893

Nom complet:  
PSMC3 interacting protein

MW calculé  
25 kDa

MW observés:  
24 kDa and 29 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:500-1:2000  
IP 0.5-4.0 µg for IP and 1:500-1:1000  
for WB  
IHC 1:400-1:1600  
IF 1:10-1:100

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules Jurkat, cellules K-562

IP : cellules Jurkat,

IHC : tissu testiculaire de souris, tissu testiculaire de  
rat

IF : cellules HepG2,

**Remarque-IHC: il est suggéré de démasquer  
l'antigène avec un tampon de TE buffer pH  
9,0; (\*) À défaut, 'le démasquage de  
l'antigène peut être 'effectué avec un  
tampon citrate pH 6,0.**

## Informations générales

PSMC3IP, also called HOP2, encodes a protein that functions in meiotic recombination. It is a subunit of the PSMC3IP/MND1 complex, which interacts with PSMC3/TBP1 to stimulate DMC1- and RAD51-mediated strand exchange during meiosis. The protein encoded by this gene can also co-activate ligand-driven transcription mediated by estrogen, androgen, glucocorticoid, progesterone, and thyroid nuclear receptors. Mutations in this gene cause XX female gonadal dysgenesis.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Nam Woo Cho	25259924	Cell	WB
Chih-Ying Lee	30622262	Nat Commun	
Matthew Tsang	30701021	Oncotarget	WB,IF

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

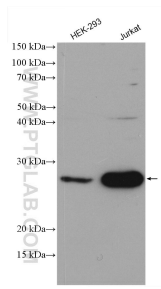
For technical support and original validation data for this product please contact:

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

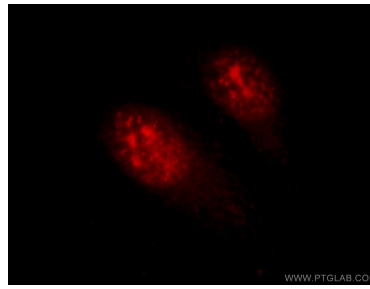
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

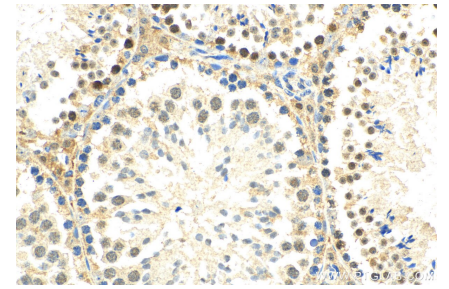
## Données de validation sélectionnées



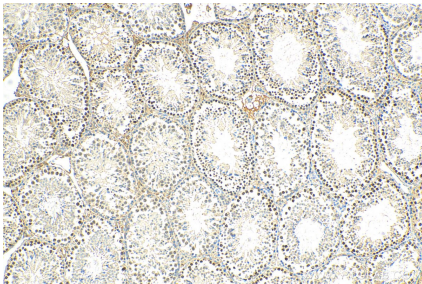
Various lysates were subjected to SDS PAGE followed by western blot with 11339-1-AP (HOP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



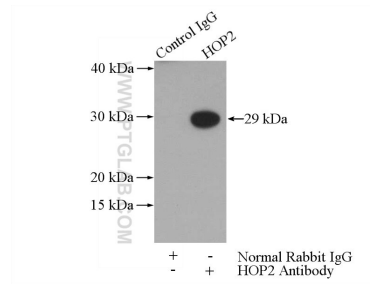
Immunofluorescent analysis of HepG2 cells, using PSMC3IP antibody 11339-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11339-1-AP (HOP2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11339-1-AP (HOP2 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-HOP2 (IP:11339-1-AP, 4ug; Detection:11339-1-AP 1:500) with Jurkat cells lysate 3200ug.