

For Research Use Only

PSMC3IP Polyclonal antibody, PBS Only

Catalog Number: 11339-1-PBS

Featured Product



Basic Information

Catalog Number:

11339-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1883

GenBank Accession Number:

BC008792

GeneID (NCBI):

29893

UNIPROT ID:

Q9P2W1

Full Name:

PSMC3 interacting protein

Calculated MW:

25 kDa

Observed MW:

24-29 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

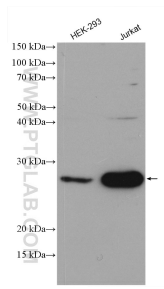
For technical support and original validation data for this product please contact:

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

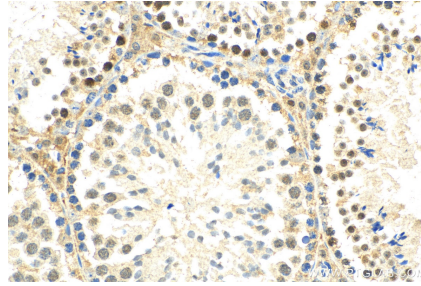
E: proteintech@ptglab.com
W: ptglab.com

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

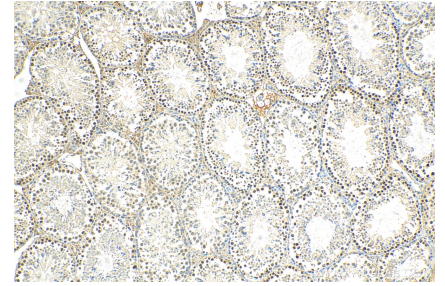
Selected Validation Data



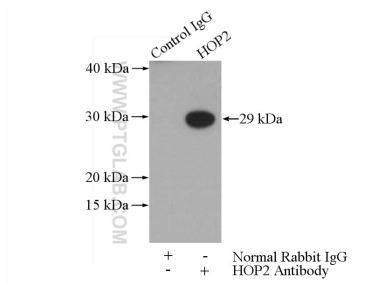
Various lysates were subjected to SDS PAGE followed by western blot with 11339-1-AP (HOP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11339-1-PBS in a different storage buffer formulation.



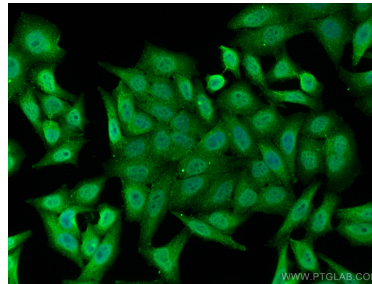
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11339-1-AP (HOP2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11339-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 11339-1-PBS in a different storage buffer formulation.



IP result of anti-HOP2 (IP:11339-1-AP, 4ug; Detection:11339-1-AP 1:500) with Jurkat cells lysate 3200ug. This data was developed using the same antibody clone with 11339-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HOP2 antibody (11339-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 11339-1-PBS in a different storage buffer formulation.