

For Research Use Only

HSF5 Polyclonal antibody, PBS Only

Catalog Number: 17765-1-PBS



Basic Information

Catalog Number:

17765-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12168

GenBank Accession Number:

BC033017

GeneID (NCBI):

124535

UNIPROT ID:

Q4G112

Full Name:

heat shock transcription factor family member 5

Calculated MW:

596 aa, 65 kDa

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human

Background Information

Heat shock transcription factor 5 (HSF5) is a member of the HSF family, which are well-known transcriptional regulators of genes encoding heat shock proteins and other types of proteins and have functions in reproduction, the immune response, and the aging process. HSF5 is a non-canonical HSF that possesses a winged-helix-turn-helix (WHTH)-like DNA-binding domain and is specifically expressed in the testis (PMID: 38958533, PMID: 39162221).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

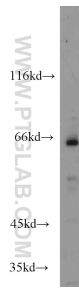
For technical support and original validation data for this product please contact:

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

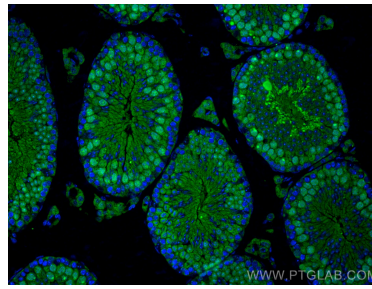
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 17765-1-AP (HSF5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17765-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using HSF5 antibody (17765-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17765-1-PBS in a different storage buffer formulation.