

For Research Use Only

# HSF5 Polyclonal antibody

Catalog Number: 17765-1-AP



## Basic Information

Catalog Number:

17765-1-AP

Size:

400 ug/ml

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

Recommended Dilutions:

WB 1:500-1:3000

IF-P 1:200-1:800

## Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells,

IF-P : mouse testis tissue,

## 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 -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:

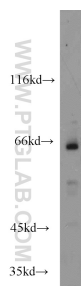
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

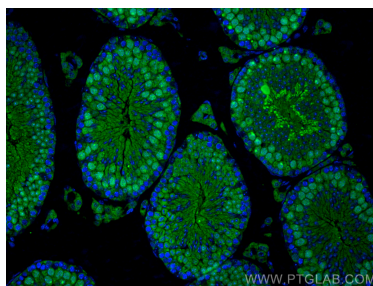
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## Selected Validation Data



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.



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).