

For Research Use Only

HSF5 Polyclonal antibody

Catalog Number: 17765-1-AP



Basic Information

Catalog Number: 17765-1-AP	GenBank Accession Number: BC033017	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 124535	Recommended Dilutions: WB 1:500-1:3000 IF-P 1:200-1:800
Source: Rabbit	UNIPROT ID: Q4G112	
Isotype: IgG	Full Name: heat shock transcription factor family member 5	
Immunogen Catalog Number: AG12168	Calculated MW: 596 aa, 65 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human	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

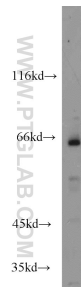
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

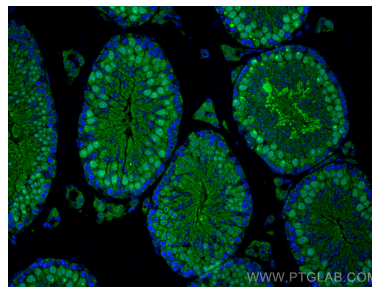
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech 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.



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).