

For Research Use Only

HSFY1 Polyclonal antibody

Catalog Number:11970-1-AP



Basic Information

Catalog Number: 11970-1-AP	GenBank Accession Number: BC055414	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 86614	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q96LI6	
Isotype: IgG	Full Name: heat shock transcription factor, Y-linked 1	
Immunogen Catalog Number: AG2592	Calculated MW: 401 aa, 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : human testis tissue, IHC : human testis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The HSFY gene is located in the male-specific region of chromosome Y (MSY), which is not involved in X-Y crossover events. HSFY gene is expressed exclusively in testis. HSFY is a DNA-binding protein that specifically binds heat shock promoter elements(HSE), and suggested to be implicated in spermatogenesis both in animals and humans.

Storage

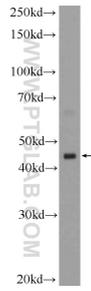
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

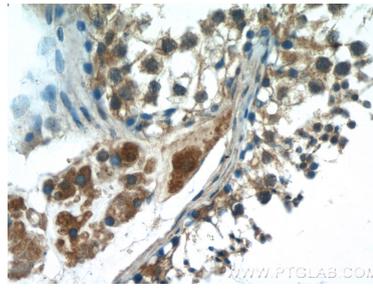
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 11970-1-AP (HSFY1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 11970-1-AP (HSFY1 Antibody) at dilution of 1:50 (under 40x lens).