

HSFY1 Polyclonal antibody

Catalog Number: 11970-1-AP

Basic Information

Catalog Number:

11970-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2592

GenBank Accession Number:

BC055414

GeneID (NCBI):

86614

UNIPROT ID:

Q96LI6

Full Name:

heat shock transcription factor, Y-linked 1

Calculated MW:

401 aa, 45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human testis tissue,

IHC : human testis tissue,

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:

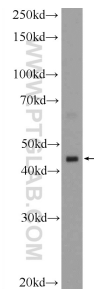
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

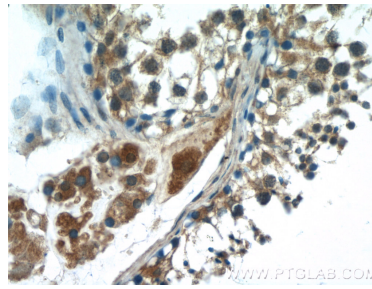
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).