

YARS2 Polyclonal antibody

Catalog Number: 17150-1-AP

Basic Information

Catalog Number:

17150-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9530

GenBank Accession Number:

BC015625

GeneID (NCBI):

51067

UNIPROT ID:

Q9Y2Z4

Full Name:

tyrosyl-tRNA synthetase 2,
mitochondrial

Calculated MW:

477 aa, 53 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

**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 : K-562 cells, HepG2 cells

IP : K-562 cells,

IHC : human testis tissue, human placenta tissue,
human skin tissue, human spleen tissue

IF/ICC : HepG2 cells,

Background Information

Storage

Storage:

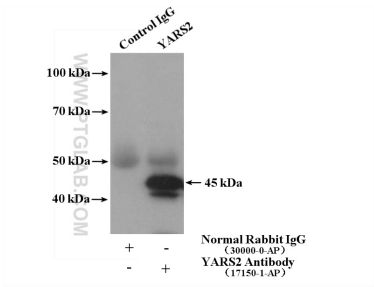
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

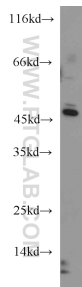
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

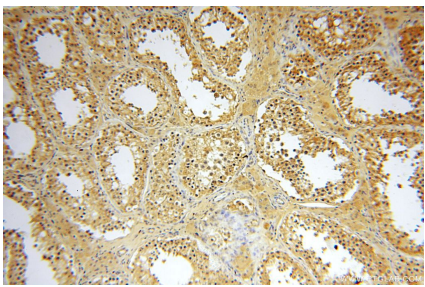
Selected Validation Data



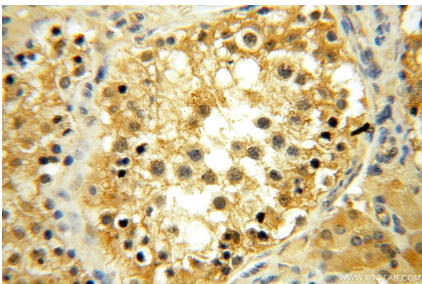
IP result of anti-YARS2 (IP:17150-1-AP, 4ug; Detection:17150-1-AP 1:1000) with K-562 cells lysate 4400 ug.



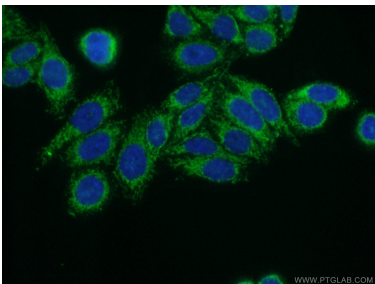
K-562 cells were subjected to SDS PAGE followed by western blot with 17150-1-AP (YARS2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 17150-1-AP (YARS2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 17150-1-AP (YARS2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 17150-1-AP (YARS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).