

For Research Use Only

# 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 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, 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:** 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

For technical support and original validation data for this product please contact:

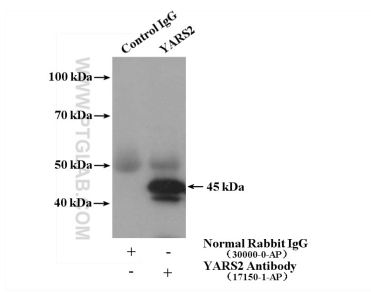
T: 4006900926

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

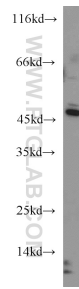
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

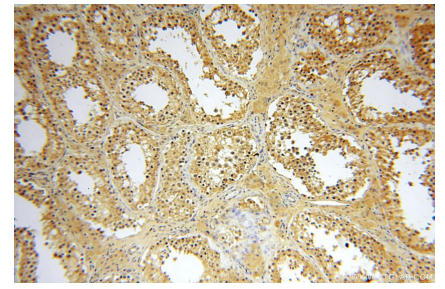
## Selected Validation Data



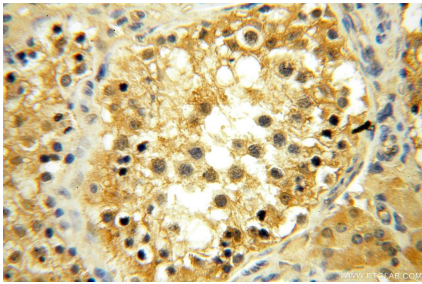
IP result of anti-YARS2 (IP:17150-1-AP, 4ug; Detection:17150-1-AP 1:1000) with K-562 cells lysate 4400 ug.



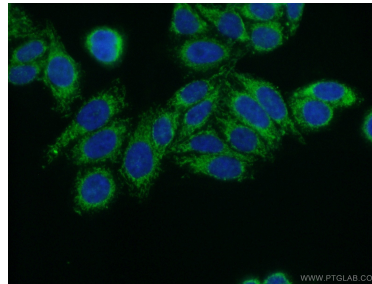
K-562 cells were subjected to SDS PAGE followed by western blot with 17150-1-AP (YARS2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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).