

For Research Use Only

IARS Polyclonal antibody

Catalog Number: 26942-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

26942-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25686

GenBank Accession Number:

BC065552

GeneID (NCBI):

3376

UNIPROT ID:

P41252

Full Name:

isoleucyl-tRNA synthetase

Calculated MW:

144 kDa

Observed MW:

145 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, rat, mouse

Positive Controls:

WB : K-562 cells, U2OS cells

IP : U2OS cells,

IHC : human testis tissue, human liver cancer tissue

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

Notable Publications

Author	Pubmed ID	Journal	Application
Krishnendu Khan	36037331	Proc Natl Acad Sci U S A	WB
Wang Zhang	35460826	Food Chem Toxicol	WB
Shuyao Hu	38012130	Nat Commun	IF

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

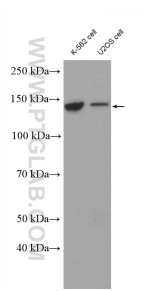
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

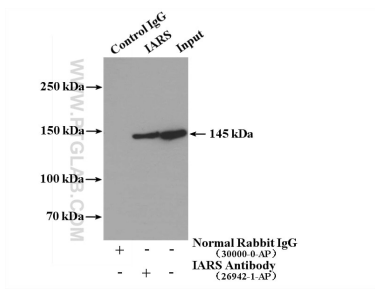
E: proteintech@ptglab.com
W: ptglab.com

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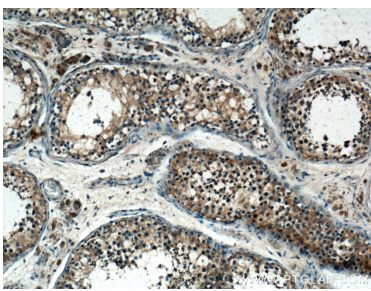
Selected Validation Data



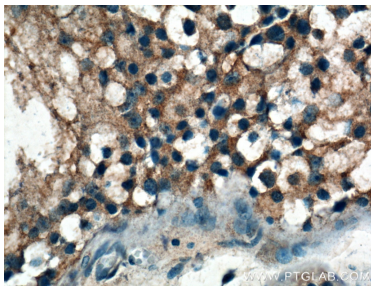
K-562 cells and U2OS cells were subjected to SDS PAGE followed by western blot with 26942-1-AP (IARS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-IARS (IP:26942-1-AP, 4ug; Detection:26942-1-AP 1:300) with U2OS cells lysate 1800 ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 26942-1-AP (IARS Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 26942-1-AP (IARS Antibody) at dilution of 1:200 (under 40x lens).