

For Research Use Only

KARS Polyclonal antibody

Catalog Number: 14951-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

14951-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6778

GenBank Accession Number:

BC004132

GeneID (NCBI):

3735

UNIPROT ID:

Q15046

Full Name:

lysyl-tRNA synthetase

Calculated MW:

68 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:20-1:200

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, mouse, zebrafish

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 : HEK-293T cells, Jurkat cells, human colon tissue, HeLa cells, HepG2 cells

IHC : human placenta tissue,

IF : A431 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Benedetta Ruzzenente	30252186	Hum Mutat	WB
Krishnendu Khan	36037331	Proc Natl Acad Sci U S A	WB, IF
Daniela Verrigni	27891585	Clin Genet	WB

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:

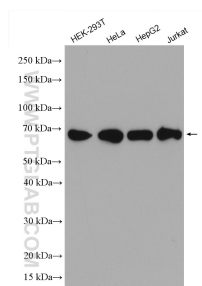
T: 4006900926

E: Proteintech-CN@ptglab.com

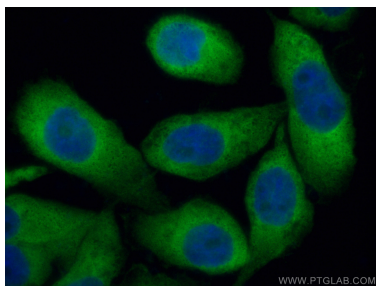
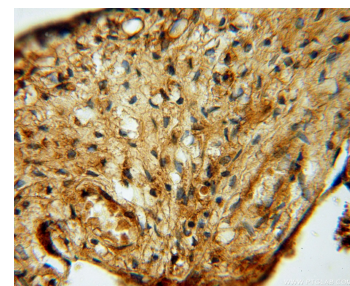
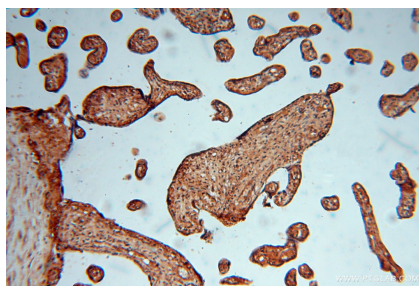
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14951-1-AP (KARS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using KARS antibody (14951-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).