

Allgemeine Informationen

Katalog-Nr.:

14773-1-AP

Größe:

150ul , Konzentration: 200 µg/ml von Nanodrop und 133 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG6614

GenBank-Zugangsnummer:

BC000517

GeneID (NCBI):

6897

Vollständiger Name:

threonyl-tRNA synthetase

Berechnete Masse:

83 kDa

Beobachtete Masse:

66-72 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
 IHC 1:100-1:400
 IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : A549-Zellen,

IP : A549-Zellen,

IHC : humanes Mammakarzinomgewebe,

IF : MCF-7-Zellen, HeLa-Zellen, HepG2-Zellen

Hintergrundinformationen

TARS (Threonyl-tRNA synthetase), also known as threonine-tRNA ligase or ThrRS, belongs to the aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetase (aaRS) catalyzes the specific esterification of an amino acid with the 3'-terminal hydroxyl group of its cognate tRNA. Specificity of aminoacylation catalyzed by aaRSs ensures the accurate translation of the genetic code in the first step of protein synthesis (PMID: 26324710). TARS has some isoforms with the molecular mass of 83, 87 kDa and other MW.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kai-Fa Teo	36271647	Clin Transl Sci	WB, IP
Sung-Hoon Kim	33340489	Mol Cell	WB
Lingling Li	36991000	Nat Commun	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

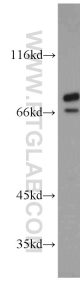
For technical support and original validation data for this product please contact:

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

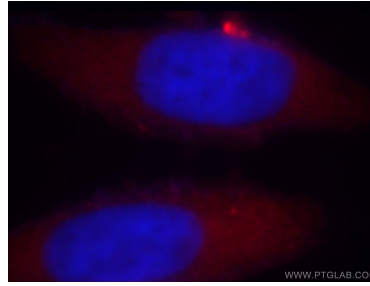
E: proteintech@ptglab.com
 W: ptglab.com

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

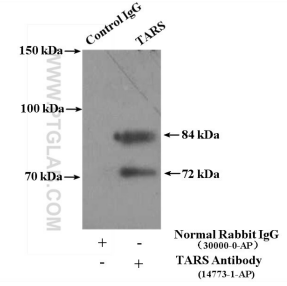
Ausgewählte Validierungsdaten



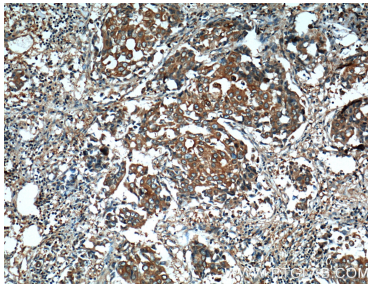
A549 cells were subjected to SDS PAGE followed by western blot with 14773-1-AP (TARS antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



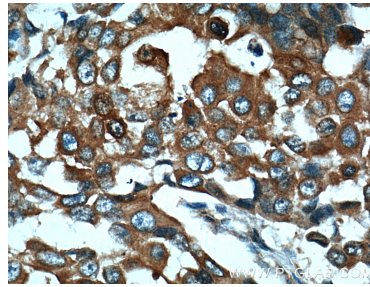
Immunofluorescent analysis of MCF-7 cells, using TARS antibody 14773-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-TARS (IP:14773-1-AP, 4ug; Detection:14773-1-AP 1:500) with A549 cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14773-1-AP (TARS Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14773-1-AP (TARS Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).