

Nur für Forschungszwecke

TrpRS Monoklonaler Antikörper

Katalog-Nr.:67952-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67952-1-Ig	GenBank-Zugangsnummer: BC017489	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von7453 Nanodrop;	GeneID (NCBI): tryptophanyl-tRNA synthetase	CloneNo.: 1C6C3
Wirt: Maus	Vollständiger Name: tryptophanyl-tRNA synthetase	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:500-1:2000
Isotyp: IgG2b	Berechnete Masse: 471 aa, 53 kDa	
Immunogen Katalognummer: AG31430	Beobachtete Masse: 53 kDa	

Anwendungen

Geprüfte Anwendungen:
IF, WB, ELISA

Getestete Reaktivität:
Human, Maus, Ratte

Positivkontrollen:

WB : LNCaP-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, humanes Plazenta-Gewebe, Jurkat-Zellen, K-562-Zellen

IF : LNCaP-Zellen,

Hintergrundinformationen

Tryptophanyl-tRNA synthetase (WRS) is a cytosolic amino acyl-tRNA synthetase essential for protein synthesis. Full-length WRS is released during bacterial infection and primes the Toll-like receptor 4 (TLR4)-myeloid differentiation factor 2 (MD2) complex to elicit innate immune responses. Inside the nucleus, WRS stimulates DNA-dependent protein kinase, catalytic subunit (DNA-PKcs), activity via its WHEP domain, leading to the phosphorylation and activation of p53 (39) (PMID:30355684).

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**

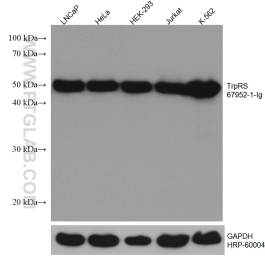
For technical support and original validation data for this product please contact:

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

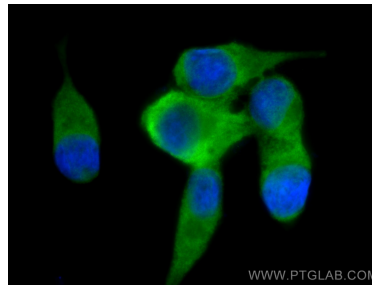
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67952-1-Ig (WARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed LNCaP cells using TrpRS antibody (67952-1-Ig, Clone: 1C6C3) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).