

Datasheet for ABIN7172077
anti-TARS antibody (AA 1-230)



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4 Images

Overview

Quantity:	100 µL
Target:	TARS
Binding Specificity:	AA 1-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Threonine--tRNA ligase, cytoplasmic protein (1-230AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TARS
Alternative Name:	TARS (TARS Products)
Background:	Background: actin cytoskeleton, cytoplasm, cytosol, extracellular exosome, protein homodimerization activity, RNA binding, threonine-tRNA ligase activity, threonyl-tRNA

Target Details

aminoacylation, translation, tRNA aminoacylation for protein translation

Aliases: cytoplasmic antibody, MGC9344 antibody, SYTC_HUMAN antibody, TARS antibody, Threonine tRNA ligase 1 antibody, Threonine tRNA ligase 1, cytoplasmic antibody, Threonine--tRNA ligase antibody, Threonyl tRNA synthetase antibody, Threonyl tRNA synthetase, cytoplasmic antibody, Threonyl-tRNA synthetase antibody, ThrRS antibody

UniProt: [P26639](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

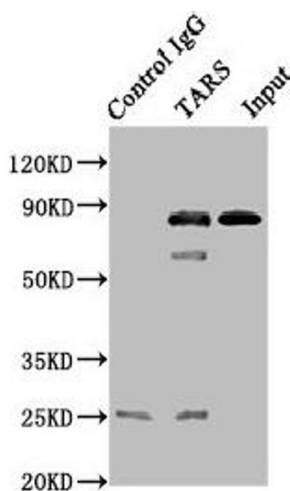
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

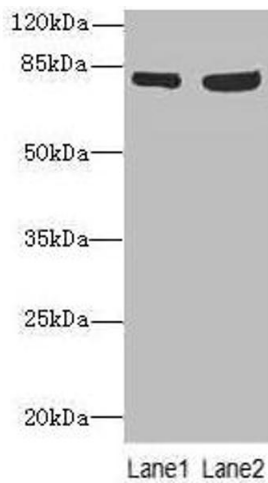
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



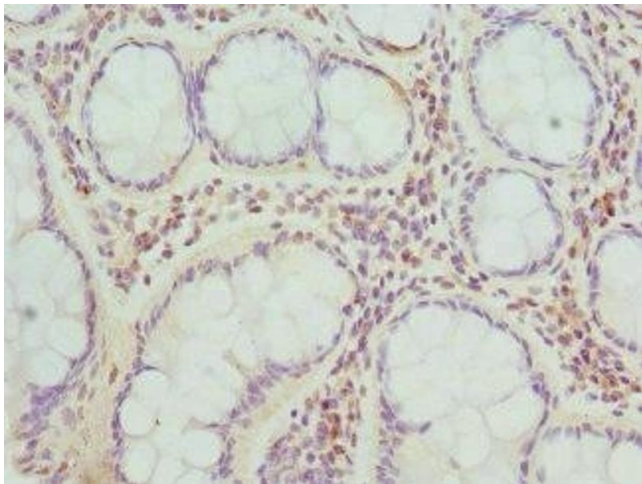
Western Blotting

Image 1. Immunoprecipitating TARS in A549 whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7172077 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7172077 (8 µg) + A549 whole cell lysate (500 µg) Lane 3: A549 whole cell lysate (10 µg)



Western Blotting

Image 2. Western blot All lanes: TARS antibody at 4.85 μ g/mL Lane 1: A549 whole cell lysate Lane 2: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 84, 87 kDa Observed band size: 84 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7172077 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7172077.