antibodies - online.com







anti-YARS antibody (C-Term)



Images



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100 μL	
YARS (Yars)	
C-Term	
Human	
Rabbit	
Polyclonal	
This YARS antibody is un-conjugated	
Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)	

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Tyrosyl
	tRNA synthetase. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Tyrosyl tRNA synthetase (tyrosyl-tRNA synthetase)
	Tyrosyl tRNA synthetase antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

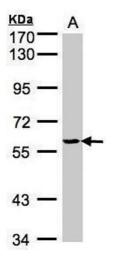
Target: YARS (Yars)

Target Details

Alternative Name:	tyrosyl-tRNA synthetase (Yars Products)		
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid		
	Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in		
	activities have also been observed for the human tyrosyl-tRNA synthetase, after it is split into		
	two parts, an N-terminal fragment that harbors the catalytic site and a C-terminal fragment		
	found only in the mammalian enzyme. The N-terminal fragment is an interleukin-8-like cytokine		
	whereas the released C-terminal fragment is an EMAP II-like cytokine.		
	Cellular Localization: Cytoplasm		
Molecular Weight:	59 kDa		
Gene ID:	8565		
UniProt:	P54577		
Application Details			
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations		
	should be determined by the researcher. Not tested in other applications.		
Comment:	Positive Control: H1299		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.25 mg/mL		
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal		
Preservative:	Thimerosal (Merthiolate)		
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE		
	which should be handled by trained staff only.		
Storage:	4 °C,-20 °C		
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage		
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid		

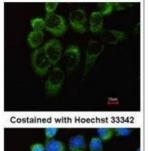
multiple freeze-thaw cycles.

Images



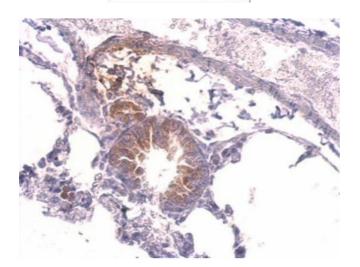
Western Blotting

Image 1. WB Image Sample(30 ug whole cell lysate)A:H1299 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed A431, using Tyrosyl tRNA synthetase, antibody at 1:200 dilution.



Immunohistochemistry

Image 3. IHC-P Image Tyrosyl tRNA synthetase antibody detects YARS protein at cytosol on mouse lung by immunohistochemical analysis. Sample: Paraffin-embedded mouse lung. Tyrosyl tRNA synthetase antibody , dilution: 1:500.