

DATASHEET

TrpRS Rabbit Polyclonal Antibody

CAT. NO. APA12792

KEY FEATURES

Target	TrpRS	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Catalyzes the attachment of tryptophan to tRNA(Trp) in a two-step reaction: tryptophan is first activated by ATP to form Trp-AMP and then transferred to the acceptor end of the tRNA(Trp).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to TrpRS
Specificity	Recognizes endogenous levels of TrpRS protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TrpRS
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 48; Observed: 53-55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	IFI53; WRS; Tryptophan--tRNA ligase, cytoplasmic; Interferon-induced protein 53; IFP53; Tryptophanyl-tRNA synthetase; TrpRS; hWRS
Gene Symbol	WARS
Entrez Gene	7453(Human); 22375(Mouse); 314442(Rat)
SwissProt	P23381(Human); P32921(Mouse); Q6P7B0(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

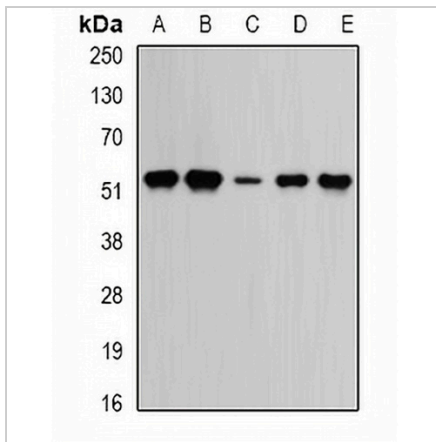
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis of TrpRS expression in MCF7 (A), HeLa (B), HepG2 (C), mouse brain (D), mouse lung (E) whole cell lysates. (Predicted band size: 48; 53 kD; Observed band size: 53-55 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.