

DATASHEET

AsnRS Rabbit Polyclonal Antibody

CAT. NO. APA14028

KEY FEATURES

Target	AsnRS	Source / Host	Rabbit
Reactivity	Human, Mouse	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 asparagine to tRNA(Asn) in a two-step reaction: asparagine is first activated by ATP to form Asn-AMP and then transferred to the acceptor end of tRNA(Asn) in a two-step reaction: asparagine is first activated by ATP to form Asn-AMP and then transferred to the acceptor end of tRNA(Asn) . In addition to its essential role in protein synthesis, acts as a signaling molecule that induced migration of CCR3-expressing cells . Has an essential role in the development of the cerebral cortex, being required for proper proliferation of radial glial cells .

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

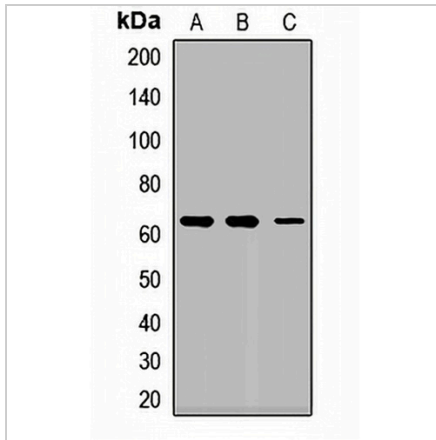
Description	Rabbit polyclonal antibody to AsnRS
Specificity	Recognizes endogenous levels of AsnRS protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human AsnRS
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 20; Observed: 63 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	Asparagine--tRNA ligase, cytoplasmic; Asparaginyl-tRNA synthetase; AsnRS
Gene Symbol	NARS
Entrez Gene	4677(Human); 70223(Mouse)
SwissProt	O43776(Human); Q8BP47(Mouse)

*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 AsnRS expression in HT29 (A), Jurkat (B), mouse pancreas (C) whole cell lysates. (Predicted band size: 20; 62 kD; Observed band size: 63 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.