

DATASHEET

Agmatinase Rabbit Polyclonal Antibody

CAT. NO. APA14088

KEY FEATURES

Target	Agmatinase	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

Hydrolyzes linear guanidino acids to form urea and the corresponding amines. Displays specificity for substrates having a negatively charged head group and short chains including taurocyamine, guanidino propanoic and butanoic acids. May protect cells by detoxifying potentially harmful amounts of guanidino acids. Metabolizes L-arginine with low efficiency.

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

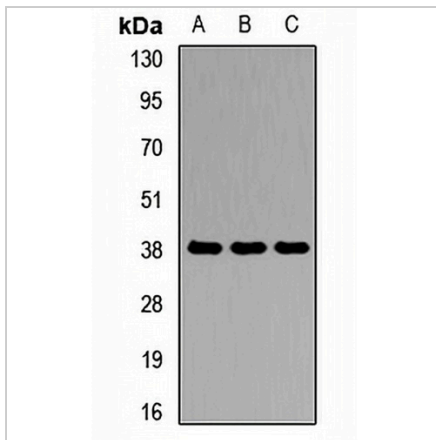
Description	Rabbit polyclonal antibody to Agmatinase
Specificity	Recognizes endogenous levels of Agmatinase protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Agmatinase
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 37 kD; Observed: 38 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	Agmatinase mitochondrial; Agmatine ureohydrolase; AUH
Gene Symbol	AGMAT
Entrez Gene	79814(Human); 75986(Mouse); 298607(Rat)
SwissProt	Q9BSE5(Human); A2AS89(Mouse); Q0D2L3(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 Agmatinase expression in LO2 (A), mouse liver (B), rat kidney (C) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 38 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.