

**DATASHEET**

**VAR2 Rabbit Polyclonal Antibody**

CAT. NO. APA17278

**KEY FEATURES**

Target	VAR2	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 valine to tRNA(Val) in a two-step reaction: valine is first activated by ATP to form Val-AMP and then transferred to the acceptor end of tRNA(Val).

**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**

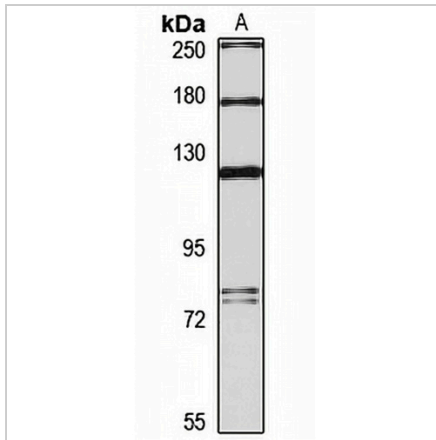
Description	Rabbit polyclonal antibody to VAR2
Specificity	Recognizes endogenous levels of VAR2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human VAR2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 55; Observed: 120 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	KIAA1885; VAR2L; VARSL; Valine--tRNA ligase mitochondrial; Valyl-tRNA synthetase; ValRS; Valyl-tRNA synthetase-like
Gene Symbol	VAR2
Entrez Gene	57176(Human); 68915(Mouse); 309596(Rat)
SwissProt	Q5ST30(Human); Q3U2A8(Mouse); Q6MG21(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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 VAR2 expression in U251MG (A) whole cell lysates. (Predicted band size: 55; 102; 118; 121 kD; Observed band size: 120 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.