

DATASHEET

NUDT2 Rabbit Polyclonal Antibody

CAT. NO. APA13002

KEY FEATURES

Target	NUDT2	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 asymmetric hydrolysis of diadenosine 5',5'''-P₁,P₄-tetraphosphate (Ap₄A) to yield AMP and ATP . Exhibits decapping activity towards FAD-capped RNAs and dpCoA-capped RNAs in vitro .

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

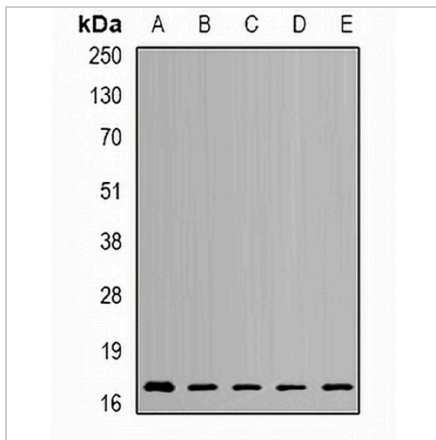
Description	Rabbit polyclonal antibody to NUDT2
Specificity	Recognizes endogenous levels of NUDT2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NUDT2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 16 kD; Observed: 17 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	APAH1; Bis(5'-nucleosyl)-tetrphosphatase [asymmetrical]; Diadenosine 5',5'''-P ₁ ,P ₄ -tetrphosphate asymmetrical hydrolase; Ap ₄ A hydrolase; Ap ₄ Aase; Diadenosine tetrphosphatase; Nucleoside diphosphate-linked moiety X motif 2; Nudix motif 2
Gene Symbol	NUDT2
Entrez Gene	318(Human); 66401(Mouse); 297998(Rat)
SwissProt	P50583(Human); P56380(Mouse); Q6PEC0(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 NUDT2 expression in SKOV3 (A), HL60 (B), mouse kidney (C), mouse brain (D), rat heart (E) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 17 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.