

DATASHEET

GLYAT Rabbit Polyclonal Antibody

CAT. NO. APA15721

KEY FEATURES

Target	GLYAT	Source / Host	Rabbit
Reactivity	Human	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

Mitochondrial acyltransferase which transfers an acyl group to the N-terminus of glycine and glutamine, although much less efficiently. Can conjugate numerous substrates to form a variety of N-acylglycines, with a preference for benzoyl-CoA over phenylacetyl-CoA as acyl donors. Thereby detoxify xenobiotics, such as benzoic acid or salicylic acid, and endogenous organic acids, such as isovaleric acid.

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
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

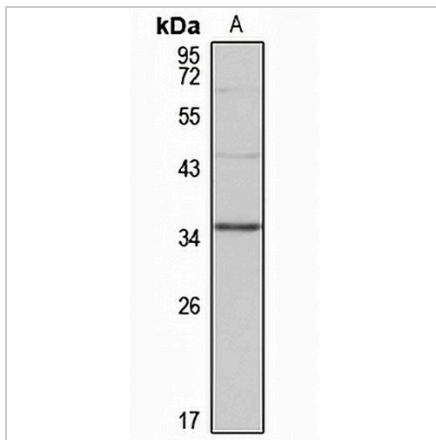
Description	Rabbit polyclonal antibody to GLYAT
Specificity	Recognizes endogenous levels of GLYAT protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GLYAT. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 18; Observed: 36 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	ACGNAT; GAT; Glycine N-acyltransferase; Acyl-CoA:glycine N-acyltransferase; AAc; Aralkyl acyl-CoA N-acyltransferase; Aralkyl acyl-CoA:amino acid N-acyltransferase; Benzoyl-coenzyme A:glycine N-acyltransferase; Glycine N-benzoyltransferase; HRP-1(CLP)
Gene Symbol	GLYAT
Entrez Gene	10249(Human)
SwissProt	Q6IB77(Human)

*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.

DATASHEET**GLYAT Rabbit Polyclonal Antibody**

CAT. NO. APA15721

DATA

Western blot analysis of GLYAT expression in HEK293T (A) whole cell lysates. (Predicted band size: 18; 33 kD; Observed band size: 36 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.