

Datasheet for ABIN952544  
**anti-GLYAT antibody (Middle Region)**

## 2 Images

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## Overview

Quantity:	0.4 mL
Target:	GLYAT
Binding Specificity:	AA 170-200, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLYAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 170-200 amino acids from the Central region of human GLYAT / ACGNAT
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human GLYAT / ACGNAT (Center).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	GLYAT
Alternative Name:	GLYAT / ACGNAT ( <a href="#">GLYAT Products</a> )

## Target Details

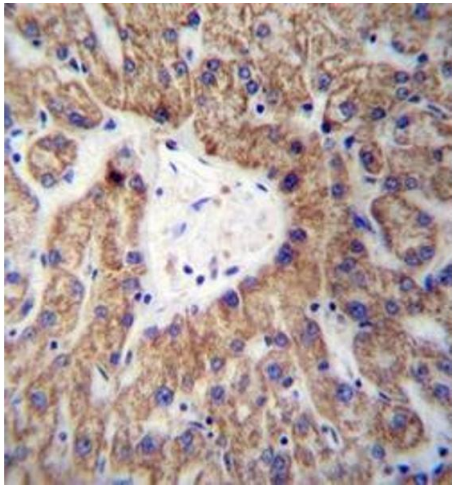
Background:	The glycine-N-acyltransferase protein conjugates glycine with acyl-CoA substrates in the mitochondria. The protein is thought to be important in the detoxification of endogenous and xenobiotic acyl-CoA's. Two transcript variants encoding different isoforms have been found for this gene.Synonyms: AAC, Acyl-CoA:glycine N-acyltransferase, Aralkyl acyl-CoA N-acyltransferase, Aralkyl acyl-CoA:amino acid N-acyltransferase, CAT, GAT, Glycine N-acyltransferase
Molecular Weight:	33924 Da
Gene ID:	10249
NCBI Accession:	<a href="#">NP_005829</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

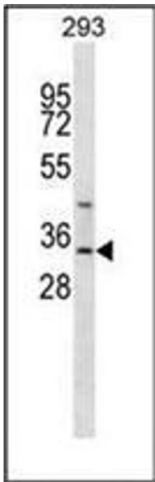
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue reacted with GLYAT / ACGNAT Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.



**Western Blotting**

**Image 2.** Western blot analysis of GLYAT / ACGNAT Antibody (Center) Cat.-No AP51864PU-N in 293 cell line lysates (35ug/lane). This demonstrates the GLYAT antibody detected the GLYAT protein (arrow).