Datasheet for ABIN656988
anti-GLYAT antibody (AA 171-199)

## 2 Images

## Overview

| Quantity: | $400 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | GLYAT |
| Binding Specificity: | AA 171-199 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | This GLYAT antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| Immunogen: | This GLYAT antibody is generated from rabbits immunized with a KLH conjugated synthetic <br> peptide between 171-199 amino acids from the Central region of human GLYAT. |
| :--- | :--- |
| Clone: | RB32999 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Target Details | GLYAT |
| Target: | GLYAT (GLYAT Products) |

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. |
| :---: | :---: |
| Molecular Weight: | 33924 |
| Gene ID: | 10249 |
| NCBI Accession: | NP_005829, NP_964011 |
| UniProt: | Q61B77 |
| Application Details |  |
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 \% (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | $4{ }^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | GLYAT Antibody (Center) can be refrigerated at $2-8{ }^{\circ} \mathrm{C}$ for up to 6 months. For long term storage, place the at $-20^{\circ} \mathrm{C}$. |
| Expiry Date: | 6 months |



Immunohistochemistry (Paraffin-embedded Sections)
Image 1. GLYAT Antibody (Center) (ABIN656988 and ABIN2846171) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GLYAT Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

## Western Blotting

Image 2. GLYAT Antibody (Center) (ABIN656988 and ABIN2846171) western blot analysis in 293 cell line lysates ( $35 \mu \mathrm{~g} / \mathrm{lane}$ ). This demonstrates the GLYAT antibody detected the GLYAT protein (arrow).

