antibodies .- online.com







anti-GLYAT antibody (N-Term)

Publication **Images**



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Quantity:	100 μL
Target:	GLYAT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Pig, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLYAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GLYAT
Sequence:	HYTNTYQIYS KDPQNCQEFL GSPELINWKQ HLQIQSSQPS LNEAIQNLAA
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GLYAT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target: **GLYAT**

Target Details

Alternative Name:	GLYAT (GLYAT Products)
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. 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. Alias Symbols: ACGNAT, CAT, GAT Protein Interaction Partner: NOTCH2NL, KRTAP10-8, RBM48, GPRASP1, PTN, Protein Size: 296
Molecular Weight:	34 kDa
Gene ID:	10249
NCBI Accession:	NM_201648, NP_964011
UniProt:	Q6IB77
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 296 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment:

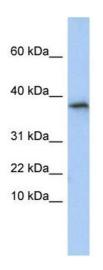
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Suzuki, Fujisawa, Ando, Niino, Ohsawa, Shimokata, Ohta: "Alcohol dehydrogenase 2 variant is associated with cerebral infarction and lacunae." in: **Neurology**, Vol. 63, Issue 9, pp. 1711-3, (2004) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-GLYAT Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-GLYAT Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec