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Datasheet for ABIN7142463
anti-ABAT antibody (AA 29-300)

3 Images

Overview

Quantity:	100 µL
Target:	ABAT
Binding Specificity:	AA 29-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human 4-aminobutyrate aminotransferase, mitochondrial protein (29-300AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen Affinity purified

Target Details

Target:	ABAT
Alternative Name:	ABAT (ABAT Products)
Background:	Background: Catalyzes the conversion of gamma-aminobutyrate and L-beta-aminoisobutyrate to succinate semialdehyde and methylmalonate semialdehyde, respectively. Can also convert

Target Details

delta-aminovalerate and beta-alanine.

Aliases: (S) 3 amino 2 methylpropionate transaminase antibody, (S)-3-amino-2-methylpropionate transaminase antibody, 4 aminobutyrate aminotransferase antibody, 4 aminobutyrate aminotransferase, mitochondrial antibody, 4-aminobutyrate aminotransferase antibody, ABAT antibody, FLJ17813 antibody, FLJ30272 antibody, GABA aminotransferase antibody, GABA AT antibody, GABA T antibody, GABA transaminase antibody, GABA transferase antibody, GABA-AT antibody, GABA-T antibody, GABAT antibody, GABT_HUMAN antibody, Gamma amino N butyrate transaminase antibody, Gamma-amino-N-butyrate transaminase antibody, hCG1984265 antibody, L AIBAT antibody, L-AIBAT antibody, LAIBAT antibody, mitochondrial antibody, NPD009 antibody

UniProt: [P80404](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

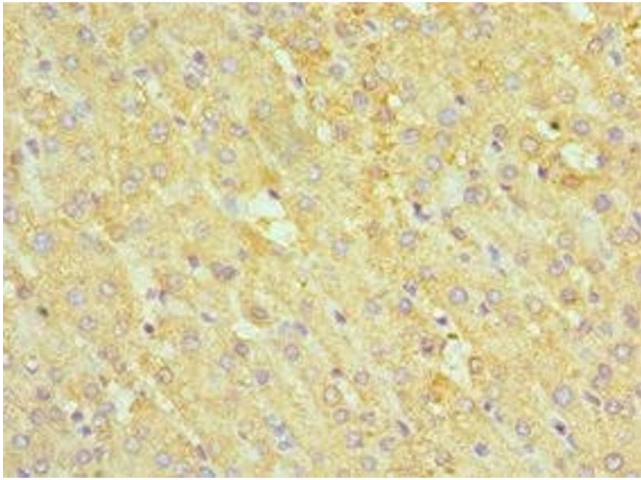
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

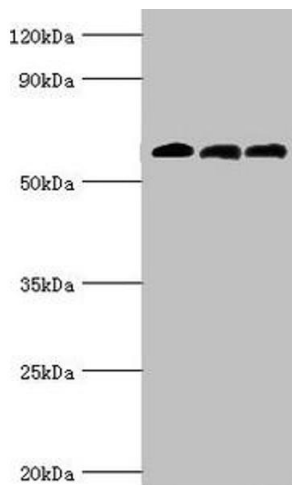
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



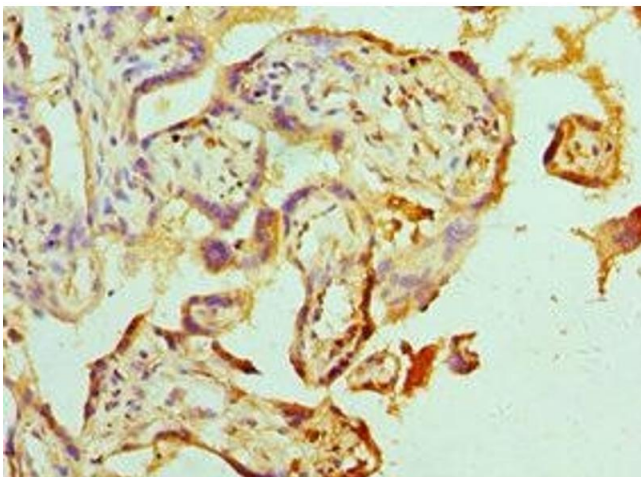
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7142463 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: 4-aminobutyrate aminotransferase, mitochondrial antibody at 10 µg/mL Lane 1: Rat liver tissue Lane 2: Mouse pancreatic tissue Lane 3: Mouse kidney tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 56 kDa Observed band size: 56 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7142463 at dilution of 1:100