

Datasheet for ABIN7306228

**anti-ABAT antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	ABAT
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	Recombinant full length protein of human ABAT
Specificity:	Recognizes endogenous levels of ABAT protein.
Characteristics:	Rabbit polyclonal antibody to ABAT
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	ABAT
Alternative Name:	ABAT ( <a href="#">ABAT Products</a> )
Background:	GABAT, 4-aminobutyrate aminotransferase, mitochondrial, (S)-3-amino-2-methylpropionate transaminase, GABA aminotransferase, GABA-AT, Gamma-amino-N-butyrate transaminase, GABA transaminase, GABA-T, L-AIBAT
Gene ID:	18, 268860, 81632

## Target Details

UniProt:	<a href="#">P80404</a> , <a href="#">P61922</a> , <a href="#">P50554</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

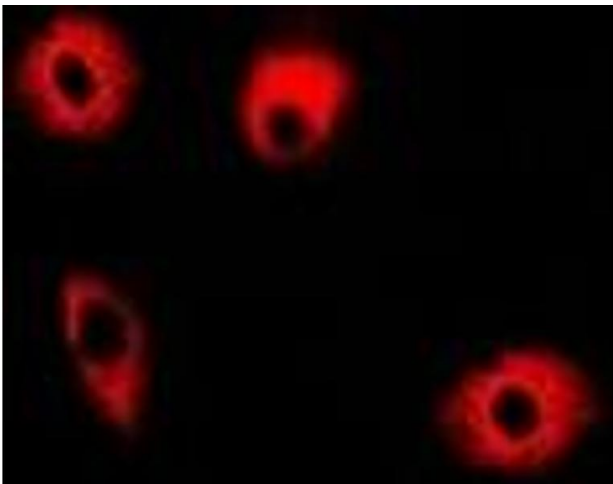
## Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

## Handling

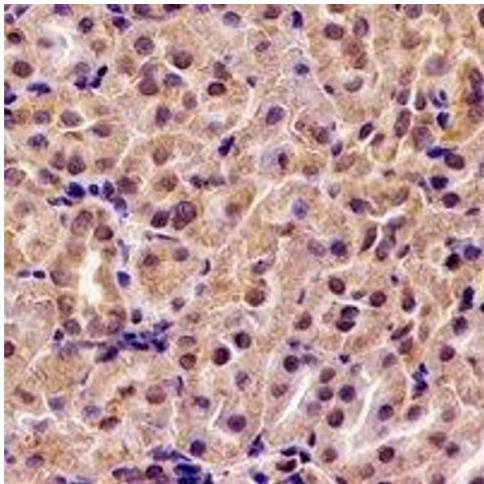
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



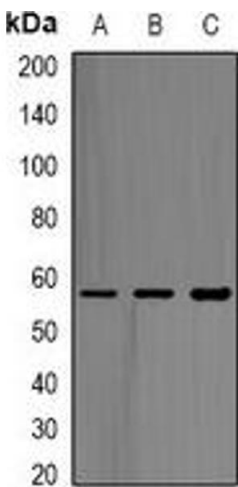
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of ABAT staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of ABAT staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the ant



Western Blotting

**Image 3.** Western blot analysis of ABAT expression in SW480 (A), mouse kidney (B), mouse brain (C) whole cell lysates.