

Datasheet for ABIN387943  
**anti-SLC29A4 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	SLC29A4
Binding Specificity:	AA 39-69, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PMAT(Slc29a4) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-69 amino acids from the N-terminal region of mouse PMAT(Slc29a4).
Clone:	RB9390
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	SLC29A4
Alternative Name:	PMAT (Slc29a4) ( <a href="#">SLC29A4 Products</a> )

## Target Details

**Background:** PMAT(Slc29a4) is a member of the SLC29 family. It is a plasma membrane protein with 11 transmembrane helices. This protein catalyzes the reuptake of monoamines into presynaptic neurons, thus determining the intensity and duration of monoamine neural signaling. It has been shown to transport several compounds, including serotonin, dopamine, and the neurotoxin 1-methyl-4-phenylpyridinium.

**Molecular Weight:** 58099

**Gene ID:** 243328

**NCBI Accession:** [NP\\_666369](#)

**UniProt:** [Q8R139](#)

## Application Details

**Application Notes:** WB: 1:1000. IHC-P: 1:10~50

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

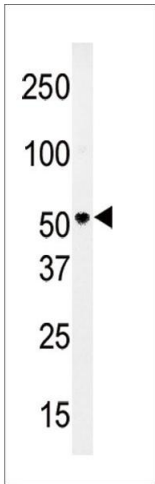
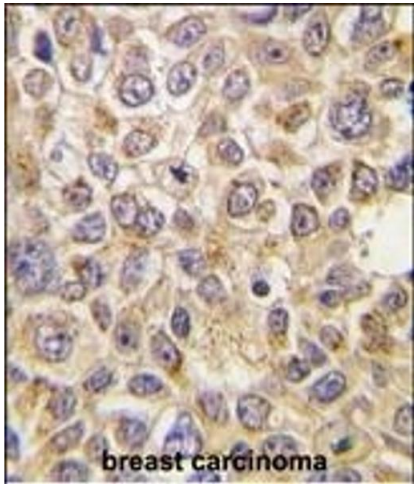
**Preservative:** Sodium azide

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

**Storage:** 4 °C,-20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with AT(Slc29a4) Antibody (N-term) (ABIN387943 and ABIN2844504) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

**Image 2.** Western blot analysis of anti-AT(Slc29a4) Antibody (N-term) (ABIN387943 and ABIN2844504) in HepG2 cell line lysates (35 µg/lane). AT(arrow) was detected using the purified Pab.