

Datasheet for ABIN387942
anti-SLC29A1 antibody (AA 232-260)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	SLC29A1
Binding Specificity:	AA 232-260
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ENT1(Slc29a1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-260 amino acids from human ENT1(Slc29a1).
Clone:	RB16657
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SLC29A1
Alternative Name:	ENT1 (Slc29a1) (SLC29A1 Products)
Background:	ENT1 is a member of the equilibrative nucleoside transporter family. It is a transmembrane

Target Details

glycoprotein that localizes to the plasma and mitochondrial membranes and mediates the cellular uptake of nucleosides from the surrounding medium. The protein is categorized as an equilibrative (as opposed to concentrative) transporter that is sensitive to inhibition by nitrobenzylthioinosine (NBMPR). Nucleoside transporters are required for nucleotide synthesis in cells that lack de novo nucleoside synthesis pathways, and are also necessary for the uptake of cytotoxic nucleosides used for cancer and viral chemotherapies.

Molecular Weight: 50219

Gene ID: 2030

NCBI Accession: [NP_001071642](#), [NP_001071643](#), [NP_001071644](#), [NP_001071645](#), [NP_004946](#)

UniProt: [Q99808](#)

Pathways: [Carbohydrate Homeostasis](#), [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:500-1000

Restrictions: For Research Use only

Handling

Format: Liquid

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

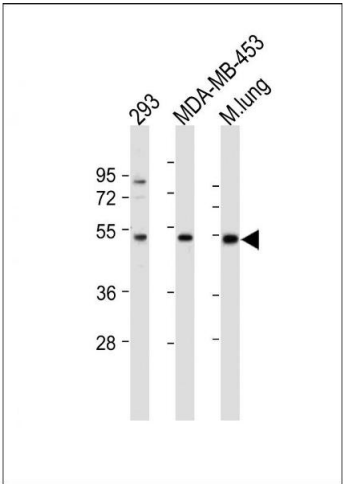
Preservative: Sodium azide

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

Storage: 4 °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



Western Blotting

Image 1. All lanes : Anti-ENT1(Slc29a1)-Ps254 at 1:500-1000 dilution Lane 1: 293 whole cell lysate Lane 2: MDA-MB-453 whole cell lysate Lane 3: Mouse lung tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.