

Summary

Production Name	ENT1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SLC29A1
Alternative Names	SLC29A1; ENT1; Equilibrative nucleoside transporter 1; Equilibrative nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter;Equilibrative NBMPR-sensitive nucleoside transporter; Nucleoside transporter, es-type; Solute carrier family 29 member 1
Gene ID	2030.0
SwissProt ID	Q99808.The antiserum was produced against synthesized peptide derived from human ENT1. AA range:15-64

Application

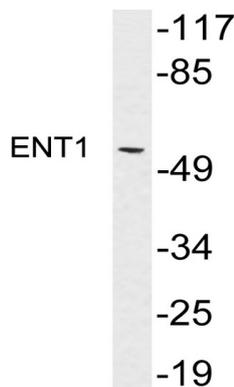
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000
Molecular Weight	55kD

Background

This gene is a member of the equilibrative nucleoside transporter family. The gene encodes a transmembrane 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. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008],function:Mediates both influx and efflux of nucleosides across the membrane (equilibrative transporter). It is sensitive (ES) to low concentrations of the inhibitor nitrobenzylmercaptapurine riboside (NBMPR) and is sodium-independent. It has a higher affinity for adenosine. Inhibited by dipyridamole and dilazep (anticancer chemotherapeutics drugs),.PTM:Glycosylated.,similarity:Belongs to the SLC29A transporter family.,tissue specificity:Expressed in heart, brain, mammary gland, erythrocytes and placenta, and also in fetal liver and spleen.,

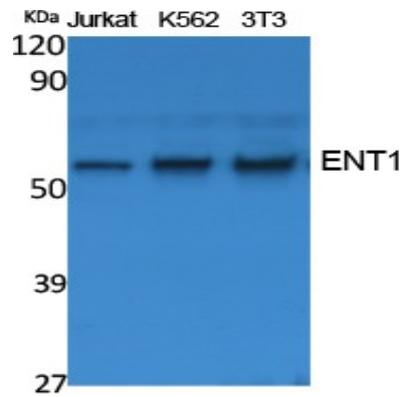
Research Area

Image Data



Western blot analysis of lysates from MDA-MB-435 cells, using ENT1 antibody.

Product Name: ENT1 Rabbit Polyclonal Antibody
Catalog #: APRab10480



Western Blot analysis of extracts from Jurkat, K562, NIH-3T3 cells, using ENT1 Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000

Note

For research use only.