

Rabbit ENT1 Polyclonal Antibody | anti-SLC29A1 antibody

ENT1 Antibody (Center)

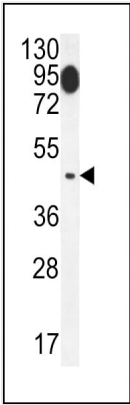
CATALOG # AAA286032	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

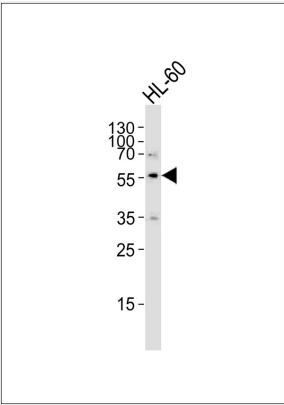
ENT1; Polyclonal Antibody; ENT1 Antibody (Center); Equilibrative nucleoside transporter 1; Equilibrative nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter; Equilibrative NBMPR-sensitive nucleoside transporter; Nucleoside transporter; es-type; Solute carrier family 29 member 1; SLC29A1; anti-SLC29A1 antibody

PRODUCT SPECIFICATIONS

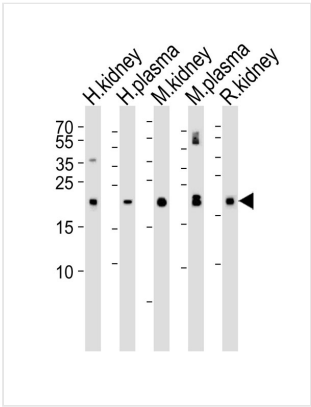
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-263 amino acids from the Central region of human ENT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	234-263
Sequence Length	535
Applicable Applications for anti-SLC29A1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
ENT1(Slc29a1) (Center) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the ENT1 antibody detected ENT1 protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from HL-60 cell line, using ENT1(Slc29a1) Antibody (Center). AAA286032 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)
Western blot analysis of lysates from human kidney, plasma, mouse kidney, plasma and rat kidney tissue lysate(from left to right), using GPX3 Antibody (Center). AAA286032 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC29A1 antibody	ENT1 is a member of the equilibrative nucleoside transporter family. It is 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.
Product Categories/Family for anti-SLC29A1 antibody	Signal Transduction
References	Bone,D.B.,Am. J. Physiol. Heart Circ. Physiol. 293 (6), H3325-H3332 (2007) Damaraju,V.L., Am. J. Physiol. Renal Physiol. 293 (1), F200-F211 (2007) Abdulla,P.,Nucleosides Nucleotides Nucleic Acids 26 (1), 99-110 (2007) Sundaram,M., J. Biol. Chem. 276 (48), 45270-45275 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582260
NCBI GeneID	2030

NCBI Accession #	NP_001071642.1; NP_001071643.1; NP_001071644.1; NP_001071645.1; NP_004946.1
NCBI GenBank Nucleotide #	NM_001078174.1
UniProt Accession #	Q99808; Q5T9W9; Q9UJY2; B3KQV7; B3KQY5
Molecular Weight	50219
NCBI Official Synonym Full Names	solute carrier family 29 (equilibrative nucleoside transporter), member 1
NCBI Official Symbol	SLC29A1
NCBI Official Synonym Symbols	ENT1
NCBI Protein Information	equilibrative nucleoside transporter 1
UniProt Protein Name	Equilibrative nucleoside transporter 1
UniProt Gene Name	SLC29A1
UniProt Synonym Gene Names	ENT1; Equilibrative NBMPR-sensitive nucleoside transporter
UniProt Entry Name	S29A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ent1-antibody-western-blot-elisa/286032>