

Rabbit anti-Human SLC29A2 Polyclonal Antibody | anti-SLC29A2 antibody

SLC29A2 Antibody

CATALOG # AAA40692	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

SLC29A2; Polyclonal Antibody; SLC29A2 Antibody; Solute carrier family 29 member 2; Equilibrative nucleoside transporter 2; ENT2; DER12; HNP36; solute carrier family 29 (equilibrative nucleoside transporter); member 2; anti-SLC29A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC29A2 antibody is human specific. SLC29A2 antibody is predicted to not cross-react with other SLC29 proteins.
Purity/Purification	SLC29A2 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	456
Applicable Applications for anti-SLC29A2 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SLC29A2 antibody was raised against a 19 amino acid peptide near the center of human SLC29A2.
Buffer	SLC29A2 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SLC29A2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



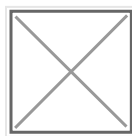
IF (Immunofluorescence)

Immunofluorescence of SLC29A2 in human bladder tissue with SLC29A2 antibody at 2.5 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SLC29A2 in human bladder tissue with SLC29A2 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of SLC29A2 in human bladder tissue lysate with SLC29A2 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC29A2 antibody	SLC29A2 is a member of the equilibrative nucleoside transporter family which plays a key role in nucleoside and nucleobase uptake for salvage pathways of nucleotide synthesis (1,2). SLC29A2 is a transmembrane glycoprotein that mediates the cellular uptake of nucleosides from the surrounding medium (3). As a nucleoside transporter, SLC29A2 plays an important role in the uptake of nucleoside-based anti-cancer drugs; polymorphisms of point mutations in the gene encoding this protein may affect the efficacy of these drugs (4).
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	38708299
NCBI GeneID	3177
NCBI Accession #	NP_001523
NCBI GenBank Nucleotide #	NM_001532.2
UniProt Accession #	Q14542; O43530; Q52M84; Q96R00; Q9UPE0; B3KPY7
Molecular Weight	Predicted: 50 kDa Observed: 50 kDa
NCBI Official Full Name	equilibrative nucleoside transporter 2 isoform a
NCBI Official Synonym Full Names	solute carrier family 29 (equilibrative nucleoside transporter), member 2
NCBI Official Symbol	SLC29A2
NCBI Official Synonym Symbols	ENT2; DER12; HNP36
NCBI Protein Information	equilibrative nucleoside transporter 2; 36 kDa nucleolar protein HNP36; nucleoside transporter, ei-type; delayed-early response protein 12; solute carrier family 29 member 2; hydrophobic nucleolar protein, 36kD; hydrophobic nucleolar protein, 36 kDa; equilibrative NBMPR-insensitive nucleoside transporter; solute carrier family 29 (nucleoside transporters), member 2; equilibrative nitrobenzylmercaptapurine riboside-insensitive nucleoside transporter
UniProt Protein Name	Equilibrative nucleoside transporter 2
UniProt Gene Name	SLC29A2
UniProt Synonym Gene Names	DER12; ENT2; HNP36; Equilibrative NBMPR-insensitive nucleoside transporter
UniProt Entry Name	S29A2_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.