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Datasheet for ABIN6992117
anti-SLC29A3 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	SLC29A3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC29A3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	SLC29A3 antibody was raised against a 19 amino acid peptide near the amino terminus of human SLC29A3. The immunogen is located within the first 50 amino acids of SLC29A3.
Isotype:	IgG
Specificity:	SLC29A3 antibody is human, mouse and rat reactive. At least two isoforms of SLC29A3 are known to exist, this antibody will detect both isoforms. SLC29A3 antibody is predicted to not cross-react with other SLC29 proteins.
Purification:	SLC29A3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLC29A3
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Target Details

Alternative Name:	SLC29A3 (SLC29A3 Products)
Background:	<p>SLC29A3 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).</p> <p>SLC29A3 is a transmembrane glycoprotein that localizes to the lysosomal membrane and is a broad selectivity, low affinity nucleoside transporter (3). Mutations in the SLC29A3 gene have been associated with H syndrome, which is characterized by cutaneous hyperpigmentation and hypertrichosis, hepatosplenomegaly, heart anomalies, and hypogonadism (4). A related disorder, PHID (pigmented hypertrichosis with insulin-dependent diabetes mellitus), has also been associated with mutations at this locus (5).</p>
Molecular Weight:	<p>Predicted: 52 kDa</p> <p>Observed: 51 kDa</p>
Gene ID:	55315
NCBI Accession:	NP_060814
UniProt:	Q9BZD2

Application Details

Application Notes:	<p>SLC29A3 antibody can be used for detection of SLC29A3 by Western blot at 1 - 2 μg/mL. Antibody can also be used for immunohistochemistry starting at 5 μg/mL. For immunofluorescence start at 20 μg/mL.</p> <p>Antibody validated: Western Blot in mouse samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SLC29A3 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SLC29A3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.