

Datasheet for ABIN7600128
anti-SLC13A2 antibody (AA 152-417)



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Overview

Quantity:	100 µg
Target:	SLC13A2
Binding Specificity:	AA 152-417
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC13A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-NaDC-1/SLC13A2 Antibody Picoband®
Immunogen:	E.coli-derived human NaDC-1/SLC13A2 recombinant protein (Position: A152-M417).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	<p>Anti-NaDC-1/SLC13A2 Antibody Picoband® (ABIN7600128). Tested in ELISA, WB applications.</p> <p>This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	SLC13A2
Alternative Name:	SLC13A2 (SLC13A2 Products)
Background:	<p>Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27</p> <p>Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis.</p> <p>Background: Solute carrier family 13 member 2 is a protein that is encoded in humans by the SLC13A2 gene. The protein encoded by this gene is a sodium-coupled citrate transporter that is regulated by the chaperone activity of cyclophilin b. The encoded protein may play a role in the formation of kidney stones.</p>
Molecular Weight:	70 kDa
Gene ID:	9058
UniProt:	Q13183

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Mann, S. S., Hart, T. C., Pettenati, M. J., von Kap-herr, C., Holmes, R. P. Assignment of the sodium-dependent dicarboxylate transporter gene (SLC13A2 alias NaDC-1) to human chromosome region 17p11.1-q11.1 by radiation hybrid mapping and fluorescence in situ hybridization. Cytogenet. Cell Genet. 84: 89-90, 1999. 2. Pajor, A. M. Molecular cloning and functional expression of a sodium-dicarboxylate cotransporter from human kidney. Am. J. Physiol. 270: F642-F648, 1996. 3. Rogina, B., Reenan, R. A., Nilsen, S. P., Helfand, S. L. Extended life-span conferred by cotransporter gene mutations in Drosophila. Science 290: 2137-2140, 2000.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.