Datasheet for ABIN7599527

anti-SLC6A17 antibody (AA 1-694)

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Overview

Quantity:	100 µg
Target:	SLC6A17
Binding Specificity:	AA 1-694
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC6A17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-SLC6A17 Antibody Picoband®
Immunogen:	E.coli-derived human SLC6A17 recombinant protein (Position: M1-Y694).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SLC6A17 Antibody Picoband® (ABIN7599527). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	SLC6A17
Alternative Name:	SLC6A17 (SLC6A17 Products)
Background:	Synonyms: Histone H3/a, Histone H3/b, Histone H3/c, Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/I, Histone H3/j, Histone H3/k, Histone H3/l, HIST1H3A, HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I, HIST1H3J, H3FJ Tissue Specificity: Expressed in fetal brain, fetal lung, fetal liver, heart, brain, placenta, lung, liver, muscle, kidney and pancreas. Background: The protein encoded by this gene is a member of the SLC6 family of transporters, which are responsible for the presynaptic uptake of most neurotransmitters. The encoded vesicular transporter is selective for proline, glycine, leucine and alanine. In mouse, the strongest expression of this gene was in cortical and hippocampal tissues where expression increased during embryonic brain development and peaked postnatally. Defects in this gene cause a form of autosomal recessive intellectual disability.
Molecular Weight:	81 kDa
Gene ID:	388662
UniProt:	Q9H1V8

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Hoglund, P. J., Adzic, D., Scicluna, S. J., Lindblom, J., Fredriksson, R. The repertoire of solute carriers of family 6: identification of new human and rodent genes. Biochem. Biophys. Res. Commun. 336: 175-189, 2005. 2. Iqbal, Z., Willemsen, M. H., Papon, M.-A., Musante, L., Benevento, M., Hu, H., Venselaar, H., Wissink-Lindhout, W. M., Vulto-van Silfhout, A. T., Vissers, L. E. L. M., de Brouwer, A. P. M., Marouillat, S., Wienker, T. F., Ropers, H. H., Kahrizi, K., Nadif Kasri, N., Najmabadi, H., Laumonnier, F., Kleefstra, T., van Bokhoven, H. Homozygous SLC6A17 mutations cause autosomal-recessive intellectual disability with progressive tremor, speech impairment, and behavioral problems. Am. J. Hum. Genet. 96: 386-396, 2015.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

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.
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.