

Datasheet for ABIN7599530
anti-SLC44A2 antibody (AA 1-706)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SLC44A2
Binding Specificity:	AA 1-706
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC44A2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SLC44A2 Antibody Picoband®
Immunogen:	E.coli-derived mouse SLC44A2 recombinant protein (Position: M1-S706).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SLC44A2 Antibody Picoband® (ABIN7599530). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with 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:	SLC44A2
Alternative Name:	Slc44a2 (SLC44A2 Products)
Background:	<p>Synonyms: Prion-like protein doppel, PrPLP, Prion protein 2, PRND, DPL, UNQ1830/PRO3443</p> <p>Tissue Specificity: Expressed in testis, in Sertoli cells, ejaculated spermatozoa and in seminal fluid (at protein level).</p> <p>Background: Choline transporter-like protein 2 is a protein that in humans is encoded by the SLC44A2 gene. CTL2 is a multi-pass membrane protein expressed in cells of the inner ear. CTL2 is a possible candidate for autoimmune hearing loss in humans. Present in supporting cells of the inner ear (at protein level). Only isoform 3 is expressed in inner ear vestibular tissue.</p>
Molecular Weight:	80 kDa
Gene ID:	68682
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Mouse</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Mouse</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Greinacher, A., Wesche, J., Hammer, E., Furl, B., Volker, U., Reil, A., Bux, J. Characterization of the human neutrophil alloantigen-3a. Nature Med. 16: 45-48, 2010. 2. O'Regan, S., Traiffort, E., Ruat, M., Cha, N., Compaore, D., Meunier, F.-M. An electric lobe suppressor for a yeast choline transport mutation belongs to a new family of transporter-like proteins. Proc. Nat. Acad. Sci. 97: 1835-1840, 2000.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 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 Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C

Handling

Storage Comment: Store 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 freeze-thaw cycles.