

Datasheet for ABIN7600426
anti-Sclt1 antibody (AA 19-688)



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Overview

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| Quantity: | 100 µg |
| Target: | Sclt1 |
| Binding Specificity: | AA 19-688 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Sclt1 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Flow Cytometry (FACS) |

Product Details

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| Purpose: | Anti-SCLT1 Antibody Picoband® |
| Immunogen: | E.coli-derived human SCLT1 recombinant protein (Position: F19-I688). Human SCLT1 shares 76.7% amino acid (aa) sequence identity with both mouse and rat SCLT1. |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross reactivity with other proteins. |
| Characteristics: | Anti-SCLT1 Antibody Picoband® (ABIN7600639). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. 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

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| Target: | Sclt1 |
| Alternative Name: | SCLT1 (Sclt1 Products) |
| Background: | <p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: This gene encodes an adaptor protein. Studies of a related gene in rat suggest that the encoded protein functions to link clathrin to the sodium channel protein type 10 subunit alpha protein. The encoded protein has also been identified as a component of distal appendages of centrioles that is necessary for ciliogenesis. Alternative splicing results in multiple transcript variants.</p> |
| Molecular Weight: | 75 kDa |
| Gene ID: | 132320 |

Application Details

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| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Adly, N., Alhashem, A., Ammari, A., Alkuraya, F. S. Ciliary genes TBC1D32/C6orf170 and SCLT1 are mutated in patients with OFD type IX. Hum. Mutat. 35: 36-40, 2014. 2. Gurrieri, F., Franco, B., Toriello, H., Neri, G. Oral-facial-digital syndromes: review and diagnostic guidelines. Am. J. Med. Genet. 143A: 3314-3323, 2007. 3. Liu, C., Cummins, T. R., Tyrrell, L., Black, J. A., Waxman, S. G., Dib-Hajj, S. D. CAP-1A is a novel linker that binds clathrin and the voltage-gated sodium channel Nav1.8. Molec. Cell. Neurosci. 28: 636-649, 2005.</p> |
| Restrictions: | For Research Use only |

Handling

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| 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 Na ₂ HPO ₄ . |
| 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. |