

Datasheet for ABIN7602473
anti-SCNM1 antibody (AA 8-230)



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Overview

Quantity:	100 µg
Target:	SCNM1
Binding Specificity:	AA 8-230
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCNM1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SCNM1 Antibody Picoband®
Immunogen:	E.coli-derived human SCNM1 recombinant protein (Position: D8-D230). Human SCNM1 shares 82.1% amino acid (aa) sequence identity with mouse SCNM1.
Characteristics:	Anti-SCNM1 Antibody Picoband® (ABIN7602473). Tested in WB, IHC, Flow Cytometry, ELISA 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:	SCNM1
Alternative Name:	SCNM1 (SCNM1 Products)
Background:	SCNM1 is a zinc finger protein and putative splicing factor. In mice, Scnm1 modifies phenotypic expression of Scn8a (MIM 600702) mutations.
Molecular Weight:	26 kDa
Gene ID:	79005

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Buchner, D. A., Trudeau, M., Meisler, M. H. SCNM1, a putative RNA splicing factor that modifies disease severity in mice. <i>Science</i> 301: 967-969, 2003. 2. Howell, V. M., Jones, J. M., Bergren, S. K., Li, L., Billi, A. C., Avenarius, M. R., Meisler, M. H. Evidence for a direct role of the disease modifier SCNM1 in splicing. <i>Hum. Molec. Genet.</i> 16: 2506-2516, 2007. 3. Iturrate, A., Rivera-Barahona, A., Flores, C. L., Otaify, G. A., Elhossini, R., Perez-Sanz, M. L., Nevado, J., Tenorio-Castano, J., Trivino, J. C., Garcia-Gonzalo, F. R., Picci-Sparascio, F., De Luca, A., Martinez, L., Kalayci, T., Lapunzina, P., Altunoglu, U., Aglan, M., Abdalla, E., Ruiz-Perez, V. L. Mutations in SCNM1 cause orofaciodigital syndrome due to minor intron splicing defects affecting primary cilia. <i>Am. J. Hum. Genet.</i> 109: 1828-1849, 2022.
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 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.