

Datasheet for ABIN7600980

anti-Shroom Family Member 4 (SHROOM4) (AA 262-928) antibody



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Overview

Quantity:	100 µg
Target:	Shroom Family Member 4 (SHROOM4)
Binding Specificity:	AA 262-928
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Purpose:	Anti-SHROOM4 Antibody Picoband®
Immunogen:	E.coli-derived human SHROOM4 recombinant protein (Position: Y262-H928).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SHROOM4 Antibody Picoband® (ABIN7600980). Tested in ELISA, Flow Cytometry, WB 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

Target:	Shroom Family Member 4 (SHROOM4)
Alternative Name:	SHROOM4 (SHROOM4 Products)
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: This gene encodes a member of the APX/Shroom family, which contain an N-terminal PDZ domain and a C-terminal ASD2 motif. The encoded protein may play a role in cytoskeletal architecture. Mutations in this gene have been linked to the X-linked Stocco dos Santos syndrome characterized by cognitive disabilities. Alternatively spliced transcript variants have been described.</p>
Molecular Weight:	170-180 kDa
Gene ID:	57477

Application Details

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. Hagens, O., Dubos, A., Abidi, F., Barbi, G., Van Zutven, L., Hoeltzenbein, M., Tommerup, N., Moraine, C., Fryns, J.-P., Chelly, J., van Bokhoven, H., Gecz, J., Dollfus, H., Ropers, H.-H., Schwartz, C. E., Stocco dos Santos, R. C., Kalscheuer, V., Hanauer, A. Disruptions of the novel KIAA1202 gene are associated with X-linked mental retardation. Hum. Genet. 118: 578-590, 2006. 2. Lopes, F., Barbosa, M., Ameer, A., Soares, G., de Sa, J., Dias, A. I., Oliveira, G., Cabral, P., Temudo, T., Calado, E., Cruz, I. F., Vieira, J. P., Oliveira, R., Esteves, S., Sauer, S., Jonasson, I., Syvanen, A.-C., Gyllenstein, U., Pinto, D., Maciel, P. Identification of novel genetic causes of Rett syndrome-like phenotypes. J. Med. Genet. 53: 190-199, 2016. 3. Nagase, T., Ishikawa, K., Kikuno, R., Hirose, M., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. XV. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 6: 337-345, 1999.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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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 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.