Datasheet for ABIN7601443

anti-TRPS1 antibody (AA 353-1257)

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Overview

Quantity:	100 µg
Target:	TRPS1
Binding Specificity:	AA 353-1257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-TRPS1 Antibody Picoband®
Immunogen:	E.coli-derived human TRPS1 recombinant protein (Position: H353-D1257).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TRPS1 Antibody Picoband® (ABIN7601443). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, 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:	TRPS1
Alternative Name:	TRPS1 (TRPS1 Products)
Background:	Synonyms: Mannan-binding lectin serine protease 2, MBL-associated serine protease 2, Mannose-binding protein-associated serine protease 2, MASP-2, MASP2 Tissue Specificity: Plasma. Background: Zinc finger transcription factor Trps1 is a protein that in humans is encoded by the TRPS1 gene. This gene encodes a transcription factor that represses GATA-regulated genes and binds to a dynein light chain protein. Binding of the encoded protein to the dynein light chain protein affects binding to GATA consensus sequences and suppresses its transcriptional activity. Defects in this gene are a cause of tricho-rhino-phalangeal syndrome (TRPS) types I-III.
Molecular Weight:	150 kDa
Gene ID:	7227
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Balducci, R., Toscano, V., Tedeschi, B., Mangiantini, A., Toscano, R., Galasso, C., Cianfarani, S., Boscherini, B. A new case of Ambras syndrome associated with a paracentric inversion(8)(q12,q22). Clin. Genet. 53: 466-468, 1998. 2. Baumeister, F. A. M., Egger, J., Schildhauer, M. T., Stengel-Rutkowski, S. Ambras syndrome: delineation of a unique hypertrichosis universalis congenita and association with a balanced pericentric inversion (8)(p11.2,q22). Clin. Genet. 44: 121-128, 1993. 3. Fantauzzo, K. A., Kurban, M., Levy, B., Christiano, A. M. Trps1 and its target gene Sox9 regulate epithelial proliferation in the developing hair follicle and are associated with hypertrichosis. PLoS Genet. 8: e1003002, 2012. Note: Electronic Article.
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.