Datasheet for ABIN7600810

anti-PRDM15 antibody (AA 24-1494)

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Overview

Quantity:	100 µg
Target:	PRDM15
Binding Specificity:	AA 24-1494
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PRDM15 Antibody Picoband®
Immunogen:	E.coli-derived human PRDM15 recombinant protein (Position: D24-Q1494).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-PRDM15 Antibody Picoband® (ABIN7600810). Tested in ELISA, Flow Cytometry, IF, IHC, 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:	PRDM15
Alternative Name:	PRDM15 (PRDM15 Products)
Background:	Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: PR/SET domain 15 is a protein that in humans is encoded by the PRDM15 gene. Predicted to enable DNA-binding transcription activator activity, RNA polymerase II-specific, RNA polymerase II cis-regulatory region sequence-specific DNA binding activity, and promoter-specific chromatin binding activity. Predicted to be involved in positive regulation of transcription by RNA polymerase II, regulation of signal transduction, and regulation of stem cell division. Located in nuclear body.
Molecular Weight:	169 kDa
Gene ID:	63977
UniProt:	P57071

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Mzoughi, S., Zhang, J., Hequet, D., Teo, S. X., Fang, H., Xing, Q. R., Bezzi, M., Seah, M. K. Y., Ong, S. L. M., Shin, E. M., Wollmann, H., Wong, E. S. M., Al-Haddawi, M., Stewart, C. L., Tergaonkar, V., Loh, Y.-H., Dunn, N. R., Messerschmidt, D. M., Guccione, E. PRDM15 safeguards naive pluripotency by transcriptionally regulating WNT and MAP-ERK signaling. Nature Genet. 49: 1354-1363, 2017. 2. Shibuya, K., Kudoh, J., Okui, M., Shimizu, N. Identification of a novel zinc finger protein gene (ZNF298) in the GAP2 of human chromosome 21q. Biochem. Biophys. Res. Commun. 332: 557-568, 2005.
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.