Datasheet for ABIN7599376

anti-MBTD1 antibody (AA 1-420)

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Overview

Quantity:	100 µg
Target:	MBTD1
Binding Specificity:	AA 1-420
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBTD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-MBTD1 Antibody Picoband®
Immunogen:	E.coli-derived human MBTD1 recombinant protein (Position: M1-D420). Human MBTD1 shares 97.6% amino acid (aa) sequence identity with mouse MBTD1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-MBTD1 Antibody Picoband® (ABIN7599376). Tested in WB, ICC/IF, 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.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	MBTD1
Alternative Name:	MBTD1 (MBTD1 Products)
Background:	Synonyms: MBTD1, MBT domain-containing protein 1 Background: Malignant Brain Tumor domain containing 1 is a protein that in humans is encoded by the MBTD1 gene. Enables methylated histone binding activity. Predicted to be involved in negative regulation of transcription, DNA-templated. Predicted to act upstream of or within embryonic skeletal system development. Predicted to be active in nucleus.
Molecular Weight:	71 kDa
Gene ID:	54799

Application Details

Application Notes:	Western blot, 0.25-0.5 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, Human 1. Eryilmaz, J., Pan, P., Amaya, M. F., Allali-Hassani, A., Dong, A., Adams-Cioaba, M. A., MacKenzie, F., Vedadi, M., Min, J. Structural studies of a four-MBT repeat protein MBTD1. PLoS One 4: e7274, 2009. Note: Electronic Article. 2. Gross, M. B. Personal Communication. Baltimore, Md. 12/19/2019.
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 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.