Datasheet for ABIN7602001

anti-SMARCA5 antibody (AA 54-735)

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Overview

Quantity:	100 µg
Target:	SMARCA5
Binding Specificity:	AA 54-735
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-SNF2H/SMARCA5 Antibody Picoband®
Immunogen:	E.coli-derived human SNF2H/SMARCA5 recombinant protein (Position: A54-K735).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SNF2H/SMARCA5 Antibody Picoband® (ABIN7602001). 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:	SMARCA5
Alternative Name:	SMARCA5 (SMARCA5 Products)
Background:	Synonyms: WAP four-disulfide core domain protein 2, Epididymal secretory protein 4, RE4, Wfdc2, Background: SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 is a protein that in humans is encoded by the SMARCA5 gene. The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein.
Molecular Weight:	122 kDa
Gene ID:	8467
UniProt:	O60264
Pathways:	Chromatin Binding

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. Aalfs, J. D., Narlikar, G. J., Kingston, R. E. Functional differences between the human ATP-dependent nucleosome remodeling proteins BRG1 and SNF2H. J. Biol. Chem. 276: 34270-34278, 2001. 2. Aihara, T., Miyoshi, Y., Koyama, K., Suzuki, M., Takahashi, E., Monden, M., Nakamura, Y. Cloning and mapping of SMARCA5 encoding hSNF2H, a novel human homologue of Drosophila ISWI. Cytogenet. Cell Genet. 81: 191-193, 1998. 3. Barisic, D., Stadler, M. B., Iurlaro, M., Schubeler, D. Mammalian ISWI and SWI/SNF selectively mediate binding of distinct transcription factors. Nature 569: 136-140, 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.

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