

Rabbit ISWI Polyclonal Antibody | anti-SMARCA5 antibody

ISWI Antibody (C-term)

CATALOG # AAA288405	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

ISWI; Polyclonal Antibody; ISWI Antibody (C-term); SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5; 364-; Sucrose nonfermenting protein 2 homolog; hSNF2H; SMARCA5; SNF2H; WCRF135; anti-SMARCA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ISWI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 946-975 amino acids from the C-terminal region of human ISWI.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	946-975
Sequence Length	1,052
Applicable Applications for anti-SMARCA5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ISWI Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

ISWI Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ISWI antibody detected the ISWI protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCA5 antibody	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.
References	Goldman, J.A., et al. J. Biol. Chem. 285(7):4645-4651(2010) He, X., et al. Biochemistry 47(27):7025-7033(2008) Sheu, J.J., et al. Cancer Res. 68(11):4050-4057(2008) Olsen, J.V., et al. Cell 127(3):635-648(2006) Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	325651836
NCBI GeneID	8467
NCBI Accession #	NP_003592.3
NCBI GenBank Nucleotide #	NM_003601.3
UniProt Accession #	O60264
Molecular Weight	121905
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
NCBI Official Symbol	SMARCA5
NCBI Official Synonym Symbols	ISWI; SNF2H; hISWI; hSNF2H; WCRF135
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5
UniProt Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5
UniProt Gene Name	SMARCA5
UniProt Synonym Gene Names	SNF2H; WCRF135; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5; hSNF2H
UniProt Entry Name	SMCA5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/iswi-antibody-flow-cytometry-western-blot-elisa/288405>