

Rabbit anti-Human, mouse SMYD5 (RAI15) Polyclonal Antibody | anti-SMYD5 antibody

SMYD5 (RAI15) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285559	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

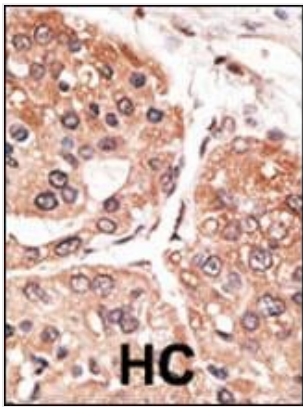
PRODUCT SYNONYMS

SMYD5 (RAI15); Polyclonal Antibody; SMYD5 (RAI15) Antibody (C-term); SET and MYND domain-containing protein 5; 211-; Protein NN8-4AG; Retinoic acid-induced protein 15; SMYD5; RAI15; anti-SMYD5 antibody

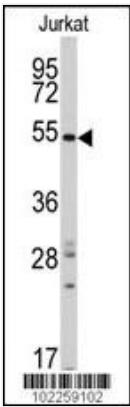
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMYD5 (RAI15) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 341-371 amino acids from the C-terminal region of human SMYD5 (RAI15).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	341-371
Sequence Length	418
Applicable Applications for anti-SMYD5 antibody	IHC (Immunohistochemistry), 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.

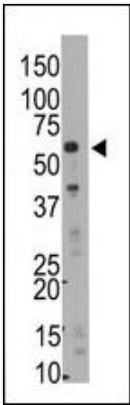
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-RAI15 Antibody (C-term) (in Jurkat cell line lysates (35ug/lane).RAI15(arrow) was detected using the purified Pab.



WB (Western Blot)
The anti-Rai15 C-term Pab is used in Western blot to detect Rai15 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SMYD5 antibody	Retinoic acid plays a critical role in development, cellular growth, and differentiation. The specific function of the protein for this intronless, retinoic acid-induced gene has not yet been determined; however, it has been suggested to play a role in development.
Product Categories/Family for anti-SMYD5 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	154689858
NCBI GeneID	10322
NCBI Accession #	NP_006053.2
NCBI GenBank Nucleotide #	NM_006062.2
UniProt Accession #	Q6GMV2; Q13558; D6W5H3
Molecular Weight	47341
NCBI Official Full Name	SET and MYND domain-containing protein 5
NCBI Official Synonym Full Names	SMYD family member 5

NCBI Official Symbol	SMYD5
NCBI Official Synonym Symbols	RRG1; RAI15; NN8-4AG; ZMYND23
NCBI Protein Information	SET and MYND domain-containing protein 5
UniProt Protein Name	SET and MYND domain-containing protein 5
UniProt Gene Name	SMYD5
UniProt Synonym Gene Names	RAI15
UniProt Entry Name	SMYD5_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/smyd5-rai15-antibody-immunohistochemistry-western-blot-elisa/285559>