

Rabbit anti-Human PR-Set7 Polyclonal Antibody | anti-KMT5A antibody

Anti-PR-Set7 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255462	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

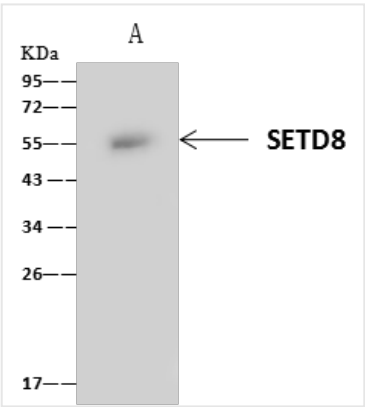
PRODUCT SYNONYMS

PR-Set7; Polyclonal Antibody; Anti-PR-Set7 Antibody; Rabbit Polyclonal; PR-Set7/KMT5A Antibody; Rabbit PAb; Antigen Affinity Purified; SET domain containing (lysine methyltransferase) 8; Anti-KMT5A Antibody; Anti-SET07 Antibody; Anti-SET8 Antibody; anti-KMT5A antibody

PRODUCT SPECIFICATIONS

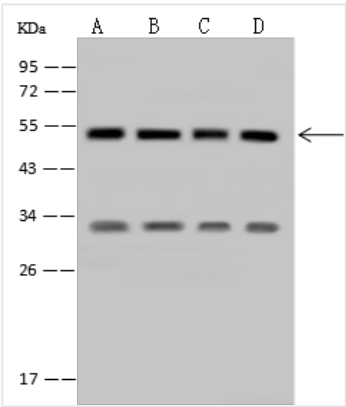
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PR-Set7/KMT5A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-KMT5A antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human PR-Set7/KMT5A Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PR-Set7/KMT5A (rh PR-Set7/KMT5A). PR-Set7/KMT5A specific IgG was purified by Human PR-Set7/KMT5A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

SETD8 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate 4 uL anti-SETD8 rabbit polyclonal antibody and 60 ug of Immnomagnetic beads Protein A/G. Primary antibody: Anti-SETD8 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 42 kDa. Observed band size: 54 kDa.



WB (Western Blot)

Anti-SETD8 rabbit polyclonal antibody at 1:500 dilution. Lane A: 293T Whole Cell Lysate. Lane B: HCT-116 Whole Cell Lysate. Lane C: U87-MG Whole Cell Lysate. Lane D: K562 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 42 kDa. Observed band size: 50 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-KMT5A antibody	KMT5A (known as PR-Set7/9, SETD8 and SET8), a member of the SET domain containing methyltransferase family specifically targeting H4K20 for methylation, has been implicated in multiple biological processes. Inhibition of KMT5A attenuated proliferation and induced apoptosis. Elevated KMT5A expression was significantly correlated with extrathyroidal extension, lymph node metastasis and advanced pathological stage of papillary thyroid cancer. KMT5A may be a novel oncogenic factor, specifically a regulator for lipid metabolism in papillary thyroid carcinoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45356743
NCBI GeneID	387893
NCBI Accession #	NP_065115.3
NCBI GenBank Nucleotide #	NM_020382.3
UniProt Accession #	Q9NQR1; Q86W83; Q8TD09; A8K9D0
Molecular Weight	39,223 Da
NCBI Official Full Name	N-lysine methyltransferase SETD8
NCBI Official Synonym Full Names	SET domain containing (lysine methyltransferase) 8
NCBI Official Symbol	SETD8
NCBI Official Synonym Symbols	SET8; KMT5A; SET07; PR-Set7
NCBI Protein Information	N-lysine methyltransferase SETD8; PR/SET07; H4-K20-HMTase SETD8; lysine N-methyltransferase 5A; SET domain-containing protein 8; PR/SET domain containing protein 8; PR/SET domain-containing protein 07; histone-lysine N-methyltransferase SETD8; H4-K20-spec
UniProt Protein Name	N-lysine methyltransferase SETD8
UniProt Gene Name	SETD8
UniProt Synonym Gene Names	KMT5A; PRSET7; SET07; SET8; PR-Set7; PR/SET07
UniProt Entry Name	SETD8_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/pr-set7-antibody-immunoprecipitation-western-blot-elisa/255462>