

Rabbit anti-Human, Mouse PHF8 Polyclonal Antibody | anti-PHF8 antibody

Rabbit anti-PHF8 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211623	Rabbit	Human, Mouse	Chromatin Immunoprecipitation, Immunoprecipitation, Immunohistochemistry, Immunoprecipitation, Western Blot

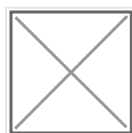
PRODUCT SYNONYMS

PHF8; Polyclonal Antibody; Rabbit anti-PHF8 Antibody; Affinity Purified; ZNF422; PHD finger protein 8; MRXSSD; KDM7B; jumonji C domain-containing histone demethylase 1F; histone lysine demethylase PHF8; JHDM1F; Histone lysine demethylase PHF8; anti-PHF8 antibody

PRODUCT SPECIFICATIONS

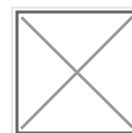
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PHF8 antibody	ChIP (Chromatin immunoprecipitation), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 675 and 725
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



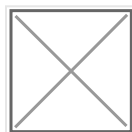
WB (Western Blot)

Detection of human and mouse PHF8 by western blot. Samples: Whole cell lysate (15 and 50 ug) from Jurkat, HeLa, HEK293T, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PHF8 antibody AAA211623 (lot AAA211623-4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



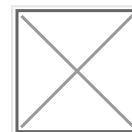
IP (Immunoprecipitation)

Detection of human PHF8 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PHF8 antibody AAA211623 (lot AAA211623-4) used for IP at 6 ug per reaction. PHF8 was also immunoprecipitated by a previous lot of this antibody (lot AAA211623-3) and rabbit anti-PHF8 antibody For blotting immunoprecipitated PHF8, AAA211623 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of human PHF8 by immunohistochemistry. Samples: FFPE serial sections of human small cell lung cancer. Antibody: Affinity purified rabbit anti-PHF8 (Cat. No. AAA211623 lot 4) used at a dilution of 1:200 (1 ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse PHF8 by immunohistochemistry. Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-PHF8 (Cat. No. AAA211623 lot 4) used at a dilution of 1:200 (1 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PHF8 antibody	PHF8 (PHD finger protein 8) is a member of the jumonji family of proteins and contains a jumonji C (JmjC) domain. The JmjC proteins are predicted to be metalloenzymes that play a role a chromatin remodeling and histone demethylation. PHF8 also bears a PHD (plant homeodomain)- type zinc-finger, a domain also found to be involved in chromatin remodeling and transcriptional regulation. Truncating mutations in PHF8 are associated with X-linked mental retardation and cleft lip/cleft palate.
Product Categories/Family for anti-PHF8 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	23133
UniProt Accession #	Q9UPP1
UniProt Protein Name	Histone lysine demethylase PHF8
UniProt Gene Name	PHF8
UniProt Synonym Gene Names	KIAA1111; ZNF422

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/phf8-antibody-chromatin-immunoprecipitation-immunohistochemistry-immunoprecipitation-western-blot-elisa/211623>