

Rabbit anti-Human, Mouse Histone-lysine N-methyltransferase EZH1 Polyclonal Antibody | anti-EZH1 antibody

Rabbit anti-human Histone-lysine N-methyltransferase EZH1 polyclonal Antibody(EZH1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118745	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

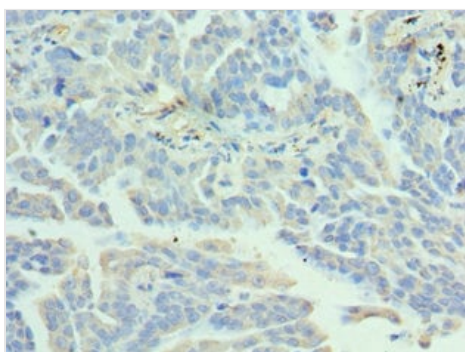
PRODUCT SYNONYMS

Histone-lysine N-methyltransferase EZH1; Polyclonal Antibody; Rabbit anti-human Histone-lysine N-methyltransferase EZH1 polyclonal Antibody(EZH1); ENX-2; Enhancer of zeste homolog 1; EZH1; KIAA0388; anti-EZH1 antibody

PRODUCT SPECIFICATIONS

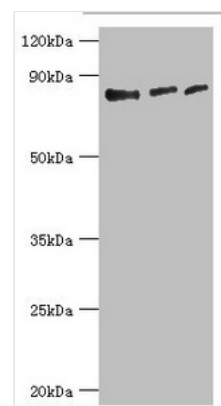
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	747
Applicable Applications for anti-EZH1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Histone-lysine N-methyltransferase EZH1 protein (160-280aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20347 / sc-20349 / sc-292275
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA118745 at dilution 1:100



WB (Western Blot)

All lanes: Histone-lysine N-methyltransferase EZH1 antibody at 4ug/ml
Lane 1: Hela whole cell lysate
Lane 2: HL-60 whole cell lysate
Lane 3: mouse gonad tissue
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 86,87,81,77,69 kDa
Observed band size: 85 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EZH1 antibody	Polycomb group (PcG) protein. Catalytic subunit of the PRC2/EED-EZH1 complex, which methylates 'Lys-27' of histone H3, leading to transcriptional repression of the affected target gene. Able to mono-, di- and trimethylate 'Lys-27' of histone H3 to form H3K27me1, H3K27me2 and H3K27me3, respectively. Required for embryonic stem cell derivation and self-renewal, suggesting that it is involved in safeguarding embryonic stem cell identity. Compared to EZH2-containing complexes, it is less abundant in embryonic stem cells, has weak methyltransferase activity and plays a less critical role in forming H3K27me3, which is required for embryonic stem cell identity and proper differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923202
NCBI GeneID	2145
NCBI Accession #	NP_001982.2
NCBI GenBank Nucleotide #	NM_001991.3
UniProt Accession #	Q92800; O43287; Q14459; Q53XP3; A6NCH6; B4DIJ1; B4DIZ7; B4DSS2; B4E3R7
Molecular Weight	68,961 Da
NCBI Official Full Name	histone-lysine N-methyltransferase EZH1
NCBI Official Synonym Full Names	enhancer of zeste 1 polycomb repressive complex 2 subunit
NCBI Official Symbol	EZH1
NCBI Official Synonym Symbols	KMT6B
NCBI Protein Information	histone-lysine N-methyltransferase EZH1
UniProt Protein Name	Histone-lysine N-methyltransferase EZH1
UniProt Gene Name	EZH1
UniProt Synonym Gene Names	KIAA0388
UniProt Entry Name	EZH1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-lysine-n-methyltransferase-ezh1-antibody-immunohistochemistry-western-blot-elisa/118745>