

Rabbit anti-Human EZH1 Polyclonal Antibody | anti-EZH1 antibody

EZH1 Antibody

CATALOG # AAA231877	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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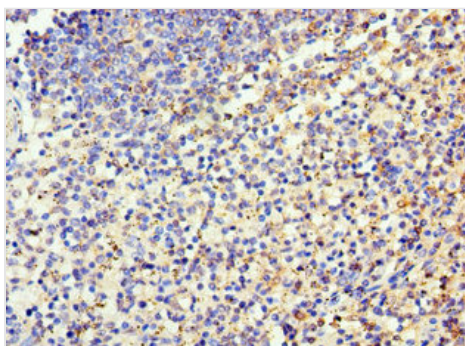
PRODUCT SYNONYMS

EZH1; Polyclonal Antibody; EZH1 Antibody; Histone-lysine N-methyltransferase EZH1; ENX-2; Enhancer of zeste homolog 1; KIAA0388; anti-EZH1 antibody

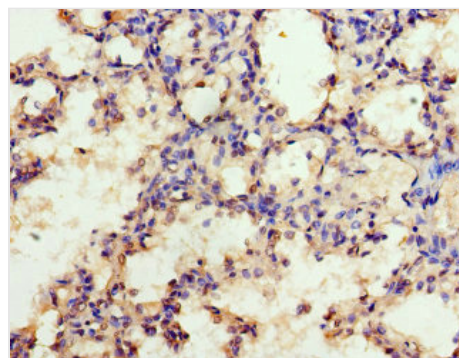
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	753
Applicable Applications for anti-EZH1 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Histone-lysine N-methyltransferase EZH1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
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 spleen tissue using AAA231877 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded AAA231877 using human lung tissue at dilution 1:100

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 #	1007353152
NCBI GeneID	2145
NCBI Accession #	NP_001308008.1
NCBI GenBank Nucleotide #	NM_001321079.1
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 isoform 2
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://www.aaabiotech.com/polyclonal/ezh1-antibody-immunohistochemistry-elisa/231877>