

Rabbit EZH2 Polyclonal Antibody | anti-EZH2 antibody

EZH2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288500	Rabbit	Human, mouse (Predicted Reactivity: Monkey, Xenopus)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

EZH2; Polyclonal Antibody; EZH2 Antibody (Center); Histone-lysine N-methyltransferase EZH2; ENX-1; Enhancer of zeste homolog 2; Lysine N-methyltransferase 6; KMT6; anti-EZH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EZH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human EZH2.
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 purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	695
Applicable Applications for anti-EZH2 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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human Testis tissue reacted with EZH2 Antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

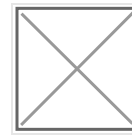


IHC (Immunohistochemistry)

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)**

The anti-EZH2 Ctr Pab is used in Western blot to detect EZH2 in mouse kidney tissue lysate.

**WB (Western Blot)**

Anti-EZH2 Antibody (I418) at 1:1000 dilution + C6 whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 85 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-EZH2 antibody	EZH2, SUZ12, and EED form a complex that methylates nucleosomal histone H3 at Lys27. EZH2 contains a SET domain, a signature motif for all known histone lysine methyltransferases except the H3-K79 methyltransferase DOT1, and is therefore likely to be the catalytic subunit. Consequently, EZH2 is thought to regulate gene expression by controlling chromatin structure. Several lines of evidence suggested a critical role for the EZH2 protein during normal and perturbed development of the hematopoietic and central nervous systems. The EZH2 protein has been shown to associate with the VAV1 protooncoprotein and with the XNP protein, the product of a gene associated with mental retardation. Additionally, due to mapping of EZH2 to the 7q35-q36 chromosomal region associated with myeloid disorders, this protein is suggested to participate in the genetic events triggering myeloid leukemia.
Product Categories/Family for anti-EZH2 antibody	Cancer
References	Cardoso, C., et al., Hum. Mol. Genet. 7(4):679-684 (1998). Laible, G., et al., EMBO J. 16(11):3219-3232 (1997). Hobert, O., et al., Mol. Cell. Biol. 16(6):3066-3073 (1996). Chen, H., et al., Genomics 38(1):30-37 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	322506097
NCBI GeneID	2146
NCBI Accession #	NP_001190176.1; NP_001190177.1; NP_001190178.1; NP_004447.2; NP_694543.1
NCBI GenBank Nucleotide #	NM_001203247.1
UniProt Accession #	Q15910; Q15755; Q75MG3; Q92857; Q96FI6; B2RAQ1; B3KS30; B7Z1D6; B7Z7L6
Molecular Weight	85363
NCBI Official Full Name	histone-lysine N-methyltransferase EZH2 isoform c
NCBI Official Synonym Full Names	enhancer of zeste 2 polycomb repressive complex 2 subunit
NCBI Official Symbol	EZH2
NCBI Official Synonym Symbols	WVS; ENX1; EZH1; KMT6; WVS2; ENX-1; EZH2b; KMT6A
NCBI Protein Information	histone-lysine N-methyltransferase EZH2
UniProt Protein Name	Histone-lysine N-methyltransferase EZH2
UniProt Gene Name	EZH2
UniProt Synonym Gene Names	KMT6
UniProt Entry Name	EZH2_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/ezh2-antibody-immunohistochemistry-western-blot-elisa/288500>