

Rabbit EZH1 Polyclonal Antibody | anti-EZH1 antibody

EZH1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284126	Rabbit	Human (Predicted Reactivity: Bovine)	Western Blot, Immunohistochemistry, ELISA

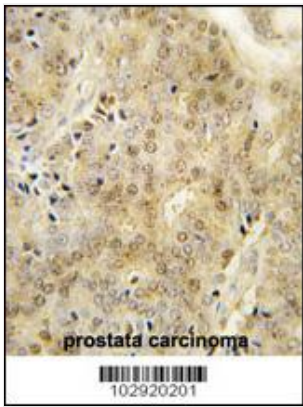
PRODUCT SYNONYMS

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

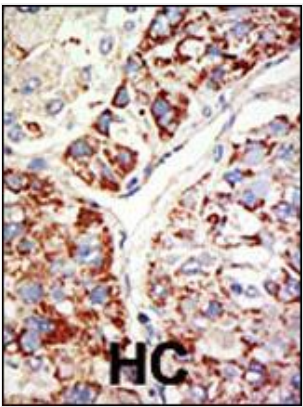
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EZH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-422 amino acids from the Central region of human EZH1.
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	393-422
Sequence Length	747
Applicable Applications for anti-EZH1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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.

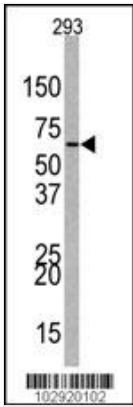
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with EZH1 Antibody (Center) , 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.



IHC (Immunohiostchemistry)
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)
Western blot analysis of anti-EZH1 Antibody (Center) in 293 cell line lysates (35ug/lane). EZH1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-EZH1 antibody	EZH1 encodes a protein of 747 amino acids that displays 55% amino acid identity overall with the Drosophila homolog.1 The strong sequence conservation suggested potential roles for EZH1 in human development as a transcriptional regulator and as a component of protein complexes that preserve heterochromatin stability. EZH1 is expressed as 2 major transcripts in all adult and fetal human tissues evaluated.. Analysis of an EZH1 cDNA revealed an unusual splicing event involving EZH1 and a tandemly linked gene GPR2 and suggested a potential mechanism for modifying the EZH1 protein in the conserved C-terminal domain. The GPR2 gene maps to 17q21.1-q21.3 in the vicinity of the BRCA1 gene.
References	Ogawa, M., et al., Biochim. Biophys. Acta 1395(2):151-158 (1998). Abel, K.J., et al., Genomics 37(2):161-171 (1996). Friedman, L.S., et al., Genomics 25(1):256-263 (1995). Osborne-Lawrence, S., et al., Genomics 25(1):248-255 (1995). Brody, L.C., et al., Genomics 25(1):238-247 (1995).

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	85271
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ezh1-antibody-western-blot-immunohistochemistry-elisa/284126>