

Rabbit anti-Human, Mouse EZH2 Polyclonal Antibody | anti-EZH2 antibody

EZH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40204	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

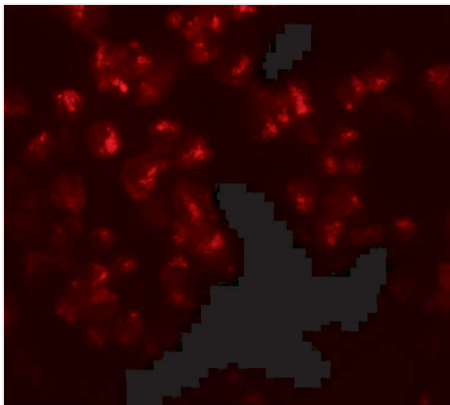
PRODUCT SYNONYMS

EZH2; Polyclonal Antibody; EZH2 Antibody; WVS; ENX1; EZH1; KMT6; WVS2; ENX-1; EZH2b; KMT6A; Histone-lysine N-methyltransferase EZH2; enhancer of zeste homolog 2; anti-EZH2 antibody

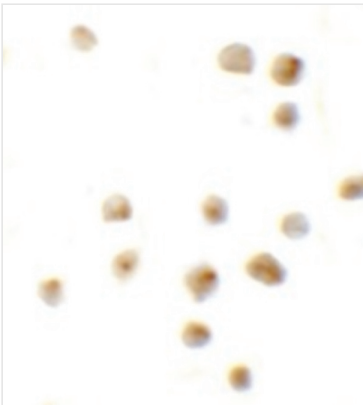
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of EZH2 are known to exist. EZH2 antibody is predicted to not cross-react with EZH1.
Purity/Purification	EZH2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	751
Applicable Applications for anti-EZH2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	EZH2 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human EZH2.
Buffer	EZH2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	EZH2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

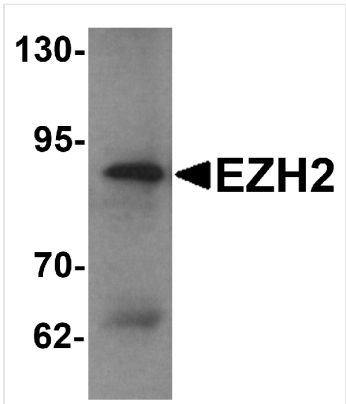
IMAGES



IF (Immunofluorescence)
Immunofluorescence of EZH2 in 293 cells with EZH2 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of EZH2 in 293 cells with EZH2 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of EZH2 in 293 cell lysate with EZH2 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-EZH2 antibody	EZH2 Antibody: EZH2 was initially identified as a homolog of the drosophila Enhancer of Zeste through exon trap screening of chromosome 21. Both EZH2 and the related protein EZH1 can form complexes with the noncanonical Polycomb repressive complex-2 (PRC2) and maintain repressive chromatin, but the PRC2-EZH1 complex mediates methylation of histone H3. Both EZH1 and EZH2 are thought to function in the maintenance of embryonic stem cell pluripotency and plasticity and recently have been shown to be essential for hair follicle homeostasis and wound repair. Overexpression of EZH2 has been reported as a marker for advanced and metastatic cancers.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361095
NCBI GeneID	2146
NCBI Accession #	AAH10858
NCBI GenBank Nucleotide #	NM_004456.4
UniProt Accession #	Q15910; Q15755; Q75MG3; Q92857; Q96FI6; B2RAQ1; B3KS30; B7Z1D6; B7Z7L6
Molecular Weight	79,621 Da
NCBI Official Full Name	histone-lysine N-methyltransferase EZH2 isoform a
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; enhancer of zeste homolog 2; lysine N-methyltransferase 6
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ezh2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40204>