# Rabbit EZH1 Polyclonal Antibody | anti-EZH1 antibody

EZH1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA39450** | **Rabbit** | **Human, Mouse, Rat** | **Immunofluorescence, Immunohistochemistry, Western Blot, ELISA** |

## PRODUCT SYNONYMS

EZH1; Polyclonal Antibody; EZH1 Antibody; KMT6B; KIAA0388; Histone-lysine N-methyltransferase EZH1; ENX-2; enhancer of zeste homolog 1; anti-EZH1 antibody

## PRODUCT SPECIFICATIONS

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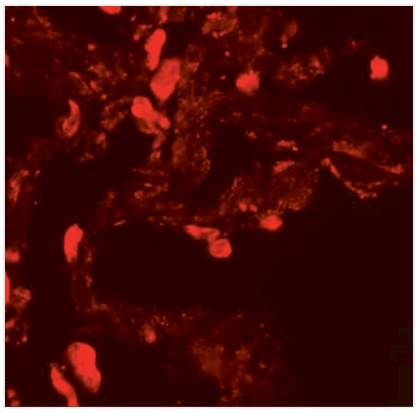
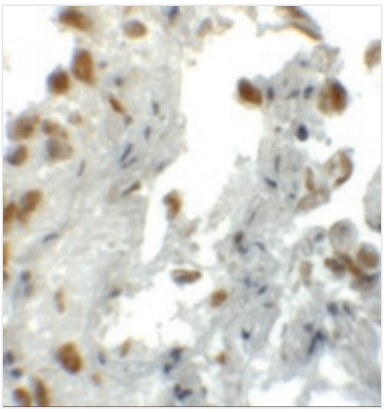
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | Multiple isoforms of EZH1 are known to exist. EZH1 antibody is predicted to not cross-react with EZH2 |
| **Purity/Purification** | EZH1 Antibody is affinity chromatography purified via peptide column. |
| **Form/Format** | Liquid |
| **Concentration** | 1 mg/mL (varies by lot) |
| **Sequence Length** | 747 |
| **Applicable Applications for anti-EZH1 antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| **Conjugate** | Unconjugated |
| **Immunogen** | EZH1 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human EZH1. The immunogen is located within amino acids 180-230 of EZH1. |
| **Buffer** | EZH1 Antibody is supplied in PBS containing 0.02% sodium azide. |
| **Preparation and Storage** | EZH1 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. |

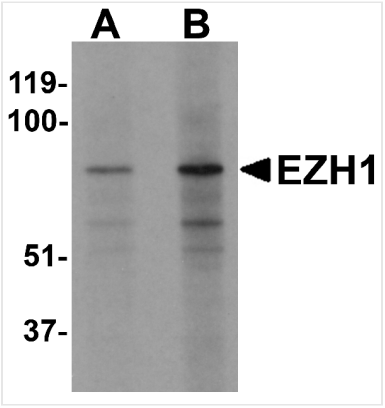
## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence of EZH1 in human lung tissue with EZH1 antibody at 20 μg/mL.



**IHC (Immunohiostchemistry)**
Immunohistochemistry of EZH1 in human lung tissue with EZH1 antibody at 5 μg/mL.




**WB (Western Blot)**
Western blot analysis of EZH1 in mouse lung tissue lysate with EZH1 antibody at (A) 1 and (B) 2 μg/mL

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-EZH1 antibody** | EZH1 Antibody: EZH1 was initially identified as a homolog of the drosophila Enhancer of Zeste through transcription mapping of chromosome 17q21. Both EZH1 and the related protein EZH2 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. |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 19923202 |
| **NCBI GeneID** | 2145 |
| **NCBI Accession #** | AAC50778 |
| **NCBI GenBank Nucleotide #** | NM_001991.3 |
| **UniProt Accession #** | Q92800; O43287; Q14459; Q53XP3; A6NCH6; B4DIJ1; B4DIZ7; B4DSS2; B4E3R7 |
| **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; ENX-2; enhancer of zeste homolog 1 |
| **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://www.aaabiotech.com/polyclonal/ezh1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39450