

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

Rabbit anti-EZH2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212540	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

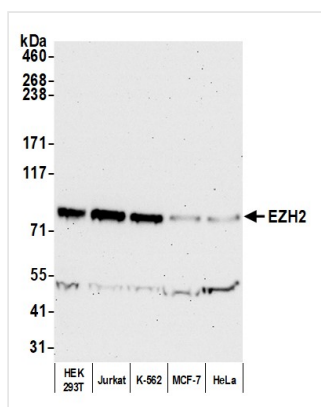
PRODUCT SYNONYMS

EZH2; Polyclonal Antibody; Rabbit anti-EZH2 Antibody; Affinity Purified; ENX1; KMT6A; WVS2; WVS; lysine N-methyltransferase 6; histone-lysine N-methyltransferase EZH2; enhancer of zeste homolog 2; ENX-1; EZH2b; KMT6; Histone-lysine N-methyltransferase EZH2; enhancer of zeste 2 polycomb repressive complex 2 subunit; anti-EZH2 antibody

PRODUCT SPECIFICATIONS

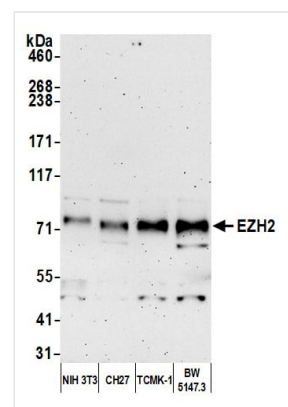
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-EZH2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Zebrafish, X. laevis, X. tropicalis
Immunogen	Between 696 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



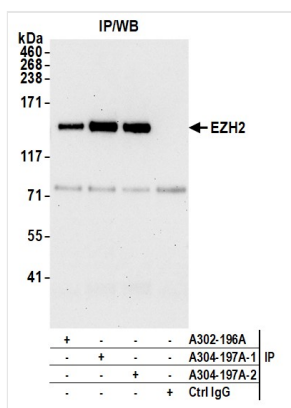
WB (Western Blot)

Detection of human EZH2 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, K-562, MCF-7, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-EZH2 antibody (AAA212540 lot 2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



WB (Western Blot)

Detection of mouse EZH2 by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-EZH2 antibody (AAA212540 lot 2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human EZH2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EZH2 antibody (AAA212540 lot 2) used for IP at 6 ug per reaction. EZH2 was also immunoprecipitated by a previous lot of this antibody (AAA212540 lot 1) and a second antibody against a different epitope of EZH2 . For blotting immunoprecipitated EZH2, AAA212540 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-EZH2 antibody	Enhancer of zeste homolog 2 (EZH2) is a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. EZH2 may play a role in the hematopoietic and central nervous systems [taken from NCBI Entrez Gene (Gene ID: 2146)].
Product Categories/Family for anti-EZH2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	2146
UniProt Accession #	Q15910
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-immunoprecipitation-western-blot-elisa/212540>