

Datasheet for ABIN7468305 **anti-EZH2 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EZH2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EZH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human EZH2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	EZH2
Alternative Name:	enhancer of zeste 2 polycomb repressive complex 2 subunit (EZH2 Products)
Background:	Synonyms: enhancer of zeste 2 polycomb repressive complex 2 subunit , ENX-1 , ENX1 , EZH2b , KMT6 , KMT6A , WVS , WVS2

Target Details

Background: This gene encodes 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. This protein may play a role in the hematopoietic and central nervous systems. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Molecular Weight:	85 kDa
Gene ID:	2146
UniProt:	Q15910
Pathways:	Retinoic Acid Receptor Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HCT116 , MCF-7
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.