

Datasheet for ABIN6937201 **anti-EZH2 antibody**

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Overview

Quantity:	100 µg
Target:	EZH2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EZH2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant full-length human EZH2 protein
Clone:	EZH2-2536
Isotype:	IgG2a kappa
Specificity:	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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	EZH2
Alternative Name:	EZH2 (EZH2 Products)
Background:	Enhancer of zeste 2 polycomb repressive complex 2 subunit, Enhancer of zeste homolog 2 (EZH2), ENX1, Enx1h, EZH2b, Histone-lysine N-methyltransferase EZH2, KMT6, KMT6A, Lysine N-methyltransferase 6, WVS, WVS2,EZH2 / KMT6 Cellular localisation: Nucleus.
Molecular Weight:	81-102kDa
Gene ID:	2146, 444082
UniProt:	Q15910
Pathways:	Retinoic Acid Receptor Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Known_Application: Western Blot (1-2 µg/mL), Optimal dilution for a specific application should be determined. Positive_Control: MCF7, HeLa, U-2 OS or HEK-293 whole cell lysates. Human tonsil, testis or prostate tissue.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months