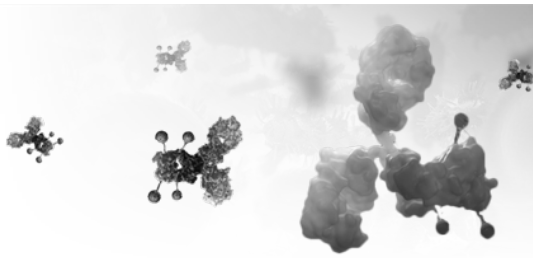

Rabbit Anti-Human EZH2 monoclonal antibody, clone 9I43M54 (CABT-L1296)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Rat, Horse, Mouse
Target	EZH2
Immunogen	Protein corresponding to human EZH2 (aa156-aa265)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	9I43M54
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

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Introduction	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 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.
Keywords	EZH2;enhancer of zeste homolog 2 (Drosophila);WVS;ENX1;EZH1;KMT6;WVS2;ENX-1;EZH2b;KMT6A;histone-lysine N-methyltransferase EZH2;lysine N-methyltransferase 6

GENE INFORMATION

Entrez Gene ID	2146
UniProt ID	Q15910

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