



Rabbit Anti-Human EZH2 monoclonal antibody, clone KK190-0 (CABT-L838)

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

PRODUCT INFORMATION

Target	KMT6/EZH2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KK190-0
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	86 kDa
Cellular Localization	Nucleus.
Positive Control	293, MCF-7, Hela, HepG2, 293T, human lung cancer tissue, human colon cancer tissue, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	In <i>Drosophila</i> , the Polycomb (PcG) gene family encodes chromatin proteins that are required for the repression of homeotic loci in embryonic development. PcG proteins work in conjunction with the trithorax-group (trxG), which activate homeobox gene expression during embryonic development. ENX-1, a mammalian homolog of the <i>Drosophila</i> gene enhancer of zeste, is a PcG protein that is ubiquitously expressed during early embryogenesis and becomes restricted to the central and peripheral nervous systems and sites of fetal hematopoiesis during later development. In the adult, ENX-1 is restricted to specific sites, including spleen, testis and placenta. The gene encoding human ENX-1 transcribes a 746 amino acid polypeptide which contains a trithorax-like domain and a DNA-binding motif. ENX-1 interacts with the proto-oncogene product Vav and is thought to be involved in the proliferation of normal and malignant hematopoietic cells. By altering the regulation of target genes, ENX-1 may also contribute to certain phenotypes of Down syndrome.
Keywords	Enhancer of zeste 2;enhancer of zeste 2 polycomb repressive complex 2 subunit;Enhancer of zeste homolog 2 (<i>Drosophila</i>);Enhancer of zeste homolog 2;Enhancer of zeste, <i>Drosophila</i> , homolog 2;ENX 1;Enx 1h;ENX-1;ENX1;Enx1h;EZH 2;EZH1;EZH2;EZH2_HUMAN;EZH2b;Histone-lysine N-methyltransferase EZH2;KMT 6;KMT6;KMT6A;Lysine N-methyltransferase 6;MGC9169;WVS;WVS2 antibody

GENE INFORMATION

Entrez Gene ID	2146
UniProt ID	Q15910
