

Datasheet for ABIN783462
anti-EZH2 antibody (N-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	EZH2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EZH2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	17 amino acid peptide near the amino terminus of human EZH2
Specificity:	This antibody detects EZH2 / KMT6 N-term. EZH2 antibody is predicted to not cross-react with EZH1.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	EZH2
Alternative Name:	EZH2 / KMT6 (EZH2 Products)
Background:	EZH2 was initially identified as a homolog of the drosophila Enhancer of Zeste through exon

Target Details

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 recently 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. Multiple isoforms of EZH2 are known to exist.Synonyms: ENX-1, Enhancer of zeste homolog 2, Histone-lysine N-methyltransferase EZH2, Lysine N-methyltransferase 6

Gene ID:	2146
NCBI Accession:	NP_001190176
UniProt:	Q15910
Pathways:	Retinoic Acid Receptor Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.

Western Blotting

Image 1. Western blot analysis of EZH2 in 293 cell lysate with EZH2 antibody at 1 µg/ml.

