

EZH1 antibody

Product Information

Catalog No.:	FNab02917
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Polycomb group(PcG) protein. Catalytic subunit of the PRC2/EED-EZH1 complex, which methylates 'Lys-27' of histone H3, leading to transcriptional repression of the affected target gene. Able to mono-, di-and trimethylate 'Lys-27' of histone H3 to form H3K27me1, H3K27me2 and H3K27me3, respectively. Required for embryonic stem cell derivation and self-renewal, suggesting that it is involved in safeguarding embryonic stem cell identity. Compared to EZH2-containing complexes, it is less abundant in embryonic stem cells, has weak methyltransferase activity and plays a less critical role in forming H3K27me3, which is required for embryonic stem cell identity and proper differentiation.

Immunogen information

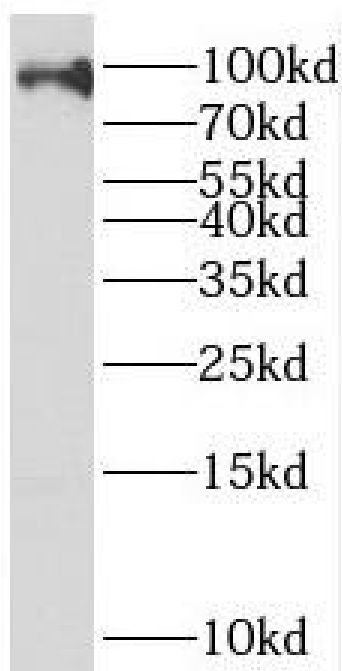
Immunogen:	enhancer of zeste homolog 1(Drosophila)
Synonyms:	Histone-lysine N-methyltransferase EZH1 ENX-2 Enhancer of zeste homolog 1 EZH1 KIAA0388
Observed MW:	77-86 kDa, 69 kDa
Uniprot ID :	Q92800

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HL-60 cells were subjected to SDS PAGE followed by western blot with FNab02917(EZH1 antibody) at dilution of 1:1000