

## EED Antibody (N-term)

Catalog_no :	AB3266
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This EED antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 38-72 amino acids from the N-terminal region of human EED.
Dilution :	WB,1:1000;
Other_name :	Polycomb protein EED, hEED, WD protein associating with integrin cytoplasmic tails 1, WAIT-1, EED
Isotype :	Rabbit Ig
Background :	Polycomb group (PcG) protein. Component of the PRC2/EED- EZH2 complex, which methylates 'Lys-9' and 'Lys-27' of histone H3, leading to transcriptional repression of the affected target gene. Also recognizes 'Lys-26' trimethylated histone H1 with the effect of inhibiting PRC2 complex methyltransferase activity on nucleosomal histone H3 'Lys-27', whereas H3 'Lys-27' recognition has the opposite effect, enabling the propagation of this repressive mark. The PRC2/EED-EZH2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems. Genes repressed by the PRC2/EED-EZH2 complex include HOXC8, HOXA9, MYT1 and CDKN2A.
reference :	Schumacher A.,et al.Genomics 54:79-88(1998). Sewalt R.G.A.B.,et al.Mol. Cell. Biol. 18:3586-3595(1998). Peytavi R.,et al.J. Biol. Chem. 274:1635-1645(1999). Ota T.,et al.Nat. Genet. 36:40-45(2004). Taylor T.D.,et al.Nature 440:497-500(2006).