

Anti-EED Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18600**Specification**

Anti-EED Antibody - Product Information

Application	WB, IHC-P
Primary Accession	075530
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	50198

Anti-EED Antibody - Additional Information**Gene ID** 8726**Alias Symbol** **EED****Other Names**

EED, Embryonic ectoderm development, HEED, WAIT1, WAIT-1, Polycomb protein EED

Target/Specificity

Human EED

Reconstitution & Storage

Affinity purified

Precautions

Anti-EED Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-EED Antibody - Protein Information**Name** EED ([HGNC:3188](#))**Function**

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.

Cellular Location

Nucleus. Chromosome. Note=Transiently colocalizes with XIST at inactive X chromosomes

Tissue Location

Expressed in brain, colon, heart, kidney, liver, lung, muscle, ovary, peripheral blood leukocytes, pancreas, placenta, prostate, spleen, small intestine, testis, thymus and uterus. Appears to be overexpressed in breast and colon cancer

Anti-EED Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-EED Antibody - Images