

Rabbit anti-Human Polycomb protein EED Polyclonal Antibody | anti-EED antibody

Rabbit anti-human Polycomb protein EED polyclonal Antibody(EED)

CATALOG # AAA119389	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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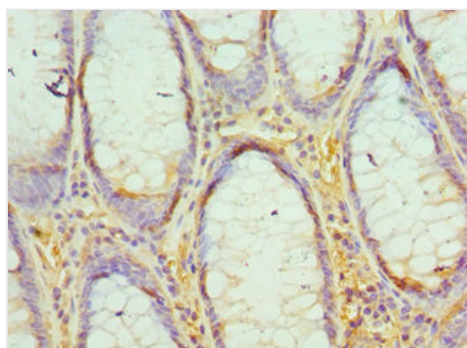
PRODUCT SYNONYMS

Polycomb protein EED; Polyclonal Antibody; Rabbit anti-human Polycomb protein EED polyclonal Antibody(EED); hEED; WD protein associating with integrin cytoplasmic tails 1; WAIT-1; EED; anti-EED antibody

PRODUCT SPECIFICATIONS

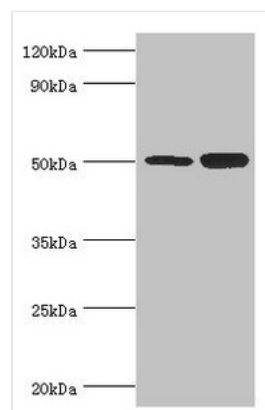
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	466
Applicable Applications for anti-EED antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Polycomb protein EED protein (1-300aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30811
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA119389 at dilution 1:100



WB (Western Blot)

All lanes: Polycomb protein EED antibody at 4ug/ml Lane 1: Hela whole cell lysate Lane 2: K562 whole cell lysate Secondary: Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 51,54,46 kDa Observed band size: 50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EED antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	808175997
NCBI GeneID	8726
NCBI Accession #	NP_001294936.1
NCBI GenBank Nucleotide #	NM_001308007.1
UniProt Accession #	O75530; O00149; Q6NTH2; Q7LDA5; Q7LDG8; Q86VV2; Q9UNY7; A8K7V5
Molecular Weight	45,524 Da
NCBI Official Full Name	polycomb protein EED isoform c
NCBI Official Synonym Full Names	embryonic ectoderm development
NCBI Official Symbol	EED
NCBI Official Synonym Symbols	HEED; WAIT1
NCBI Protein Information	polycomb protein EED
UniProt Protein Name	Polycomb protein EED
UniProt Gene Name	EED
UniProt Synonym Gene Names	hEED; WAIT-1
UniProt Entry Name	EED_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/polycomb-protein-eed-antibody-immunohistochemistry-western-blot-elisa/119389>