

Product datasheet

Anti-EED antibody ab236292

1 Image

Overview

Product name	Anti-EED antibody
Description	Rabbit polyclonal to EED
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow 
Immunogen	Recombinant fragment corresponding to Human EED aa 1-300. Sequence: MSEREVSTAPAGTDMPPAAKKQKLSSDENSNPDLSGD ENDDAVSIESGTNT ERPDTPNTPNAPGRKSWGKWKWSKKCKYSFKCV NSLKEDHNQPLFGVQ FNWHSKEGDPLVFATVGSNRVTLYECHSQGEIRLLQS YVDADADENFYTC AWTYDSNTSHPLLAVAGSRGIIRIINPITMQCIKHVYVGHG NAINELKFHP RDPNLLLSVSKDHALRLWNIQTDTLVAIFGGVEGHRDE VLSADYDLLGEK IMSCGMDHSLKLWRINSKRMMNAIKESYDYNPNKTNRP FISQKIHFPDFS Database link: O75530  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human colon cancer tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide

	Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab236292** in the following tested applications.

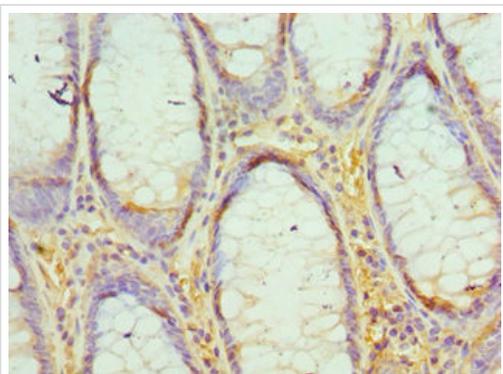
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.

Target

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. 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.
Tissue specificity	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.
Sequence similarities	Belongs to the WD repeat ESC family. Contains 7 WD repeats.
Developmental stage	Expression peaks at the G1/S phase boundary.
Cellular localization	Nucleus. Chromosome. Transiently colocalizes with XIST at inactive X chromosomes.

Images



Paraffin-embedded human colon cancer tissue stained for EED using ab236292 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EED antibody (ab236292)

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