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Datasheet for 600-401-AZ1

EED Antibody

Overview

Description:	Anti-EED (RABBIT) Antibody - 600-401-AZ1
Item No.:	600-401-AZ1
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The EED protein (WAIT-1 or WD protein associated with integrin cytoplasmic tails-1), also called embryonic ectoderm development, is a member of the superfamily of WD-40 repeat proteins and widely conserved polycomb group (PcG) family of proteins. The polycomb group (PcG) is a large and evolutionarily conserved set of genes whose products act in multimeric complexes to modify histones, which are then thought to cause stable and heritable states of transcriptional repression. EED shuttles between the nucleus and the plasma membrane and can interact with the cytoplasmic tail of integrin b7 subunit. EED exerted an antiviral activity at the late stage of HIV-1 replication.
Synonyms:	EED Antibody, HEED, WAIT1, Polycomb protein EED, WD protein associating with integrin cytoplasmic tails 1, hEED
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	EED
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-EED antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the N-terminus of human EED.

Purity/Specificity:	Anti-EED Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Four alternatively spliced transcript variants have been observed.
Relevant Links:	• UniProtKB - O75530 • GeneID - 8726 • NCBI - NP_003788

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-EED Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 50 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	20 µg/mL
WB:	1 µg/mL

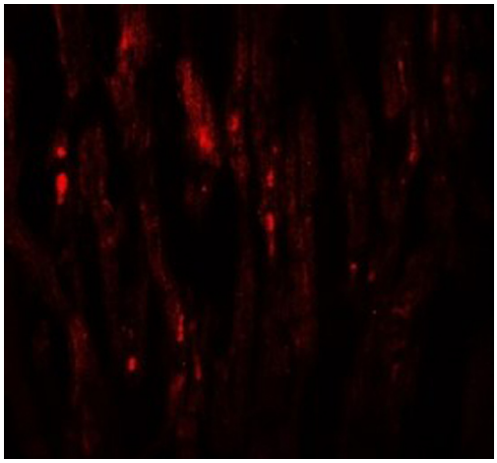
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

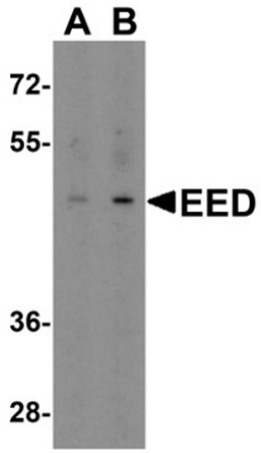
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy
Immunofluorescence of EED.
Tissue: human heart tissue.
Primary Antibody: EED antibody at 20 µg/mL.



Western Blot
Western blot analysis of EED.
Load: human heart tissue lysate.
Primary Antibody: EED antibody at (A) 1 and (B) 2 µg/mL.

Disclaimer

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