Datasheet for ABIN1714304

anti-EED antibody (AA 51-150)

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Overview

Quantity:	100 µL
Target:	EED
Binding Specificity:	AA 51-150
Reactivity:	Xenopus laevis, Killifish (Oryzias latipes), Xenopus tropicalis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EED antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EED
Isotype:	IgG
Cross-Reactivity:	Killifish (Oryzias latipes), Xenopus laevis, Xenopus tropicalis
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	EED

Target Details

Alternative Name:	EED (EED Products)
Background:	Synonyms: eed, EED protein, EED_HUMAN, Embryonic ectoderm development, Embryonic ectoderm development isoform a, Embryonic ECTODERM development protein homolog, hEED, OTTHUMP00000235483, OTTHUMP00000235484, OTTHUMP00000235485, Polycomb protein eed, WAIT 1, WAIT-1, WAIT1, WD protein associating with integrin cytoplasmic tails 1. Background: The transcriptional repressing Polycomb-group (PcG) and transcriptional activating trithorax-group (trxG) genes of Drosophila are part of a cellular memory system responsible for the stable inheritance of gene activity. PcG proteins assemble into multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. EED (embryonic ectoderm development) is the human homolog of Eed, a murine PcG gene homologous to the Drosophila homeotic gene, extra sex combs. The human EED protein is 99. 5 % identical to the mouse EED protein and contains seven WD repeats, which are involved in protein-protein interactions. There are two human EED transcripts that contain a putative 407-nucleotide-long intron and give rise to two HEED protein isoforms, 535 and 494 amino acids in length. EED interacts in a highly specific manner, both in vitro and in vivo, with histone deacetylase (HDAC) proteins.
Gene ID:	8726

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months