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Datasheet for ABIN1714047 **anti-DMAP1 antibody (AA 31-130)**

Overview

Quantity:	100 µL
Target:	DMAP1
Binding Specificity:	AA 31-130
Reactivity:	Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMAP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DMAP1
Isotype:	IgG
Cross-Reactivity:	Xenopus laevis
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DMAP1
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Target Details

Alternative Name:	DMAP1 (DMAP1 Products)
Background:	<p>Synonyms: DKFZp686L09142, DMAP 1, DNA methyltransferase 1-associated protein 1, DNMAP 1, DNMAP1, DNMT1-associated protein 1, DNMT1-associated protein 1, DNMTAP 1, DNMTAP1, EAF 2, EAF2, FLJ11543, KIAA1425, MAT 1-mediated transcriptional repressor, MGC55593, SWC 4, SWC4, zgc:55593.</p> <p>Background: Methylation of DNA contributes to the regulation of gene transcription in eukaryotic systems. DNA methylation is predominantly found on cytosine residues that are present in dinucleotide motifs consisting of a 5' cytosine followed by a guanosine (CpG), and it requires the enzymatic activity of DNA methyltransferases (DNMTs), which results in transcriptional repression of the methylated gene. DNA methyltransferase 1-associating protein (Dmap1) binds to methyl-CpG rich domains and mediate the transcriptional inhibition associated with DNA methylation. Dmap1 interacts with Daxx to enhanced Daxx-mediated repression of glucocorticoid receptor transcriptional activity. Daxx also protects Dmap1 from protein degradation in vivo.</p>
Gene ID:	55929

Application Details

Application Notes:	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.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	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