

Rabbit DMAP1 Polyclonal Antibody | anti-DMAP1 antibody

DMAP1 Antibody

CATALOG # AAA323091	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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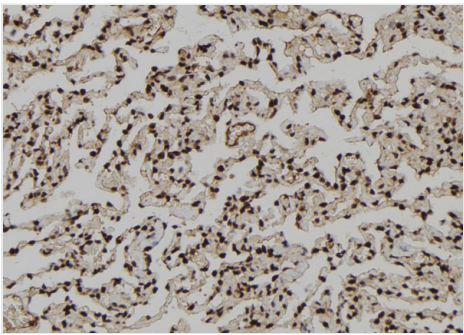
PRODUCT SYNONYMS

DMAP1; Polyclonal Antibody; DMAP1 Antibody; DKFZp686L09142; DMAP 1; DNA methyltransferase 1 associated protein 1; DNMAP 1; DNMAP1; DNMT1 associated protein 1; DNMTAP 1; DNMTAP1; EAF 2; EAF2; FLJ11543; KIAA1425; MAT 1 mediated transcriptional repressor; MGC55593; SWC 4; SWC4; zgc:55593; anti-DMAP1 antibody

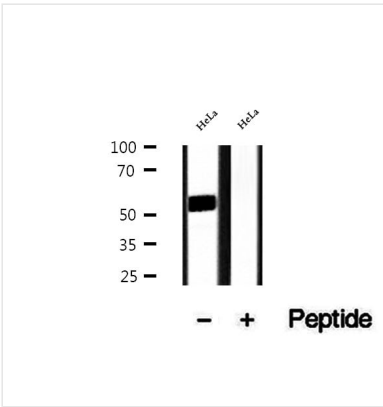
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DMAP1 antibody detects endogenous levels of DMAP1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	467
Applicable Applications for anti-DMAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DMAP1.
Subcellular Location	Nuclear
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323091 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using DMAP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti- DMAP1 antibody	Function: Involved in transcription repression and activation. Its interaction with HDAC2 may provide a mechanism for histone deacetylation in heterochromatin following replication of DNA at late firing origins. Can also repress transcription independently of histone deacetylase activity. May specifically potentiate DAXX-mediated repression of glucocorticoid receptor-dependent transcription. Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome-DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. Participates in the nuclear localization of URI1 and increases its transcriptional corepressor activity. Subunit Structure: Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit KAT5/TIP60 and the subunits EP400, TRRAP/PAF400, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, ING3, actin, ACTL6A/BAF53A, MORF4L1/MRG15, MORF4L2/MRGX, MRGBP, YEATS4/GAS41, VPS72/YL1 and MEAF6. Component of a NuA4-related complex which contains EP400, TRRAP/PAF400, SRCAP, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, actin, ACTL6A/BAF53A, VPS72 and YEATS4/GAS41. DMAP1 also forms a complex with DNMT1 and HDAC2. Throughout S phase it interacts directly with the N-terminus of DNMT1, which serves to recruit DMAP1 to replication foci. DMAP1 interacts with ING1, a component of the mSin3A transcription repressor complex, although this interaction is not required for recruitment of ING1 to heterochromatin. Interacts directly with the transcriptional corepressor TSG101. Interacts with the pro-apoptotic protein DAXX. Interacts with URI1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	78000211
NCBI GeneID	55929
NCBI Accession #	NP_001029195.1
NCBI GenBank Nucleotide #	NM_001034023.1
UniProt Accession #	Q9NPF5; Q0JSM4; Q5TG41; Q7Z3H7; Q9H0S8; Q9P2C2; A8K001; D3DPY8
Molecular Weight	Observed: 53 kDa Predicted: 53 kDa
NCBI Official Full Name	DNA methyltransferase 1-associated protein 1
NCBI Official Synonym Full Names	DNA methyltransferase 1 associated protein 1
NCBI Official Symbol	DMAP1

NCBI Official Synonym Symbols	EAF2; SWC4; MEAF2; DNMAP1; DNMTAP1
NCBI Protein Information	DNA methyltransferase 1-associated protein 1
UniProt Protein Name	DNA methyltransferase 1-associated protein 1
UniProt Gene Name	DNMAP1
UniProt Synonym Gene Names	KIAA1425; DNMAP1; DNMT1-associated protein 1

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/dmap1-antibody-immunohistochemistry-western-blot-elisa/323091>