

Rabbit DMAP1 Polyclonal Antibody | anti-DMAP1 antibody

DMAP1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198477	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

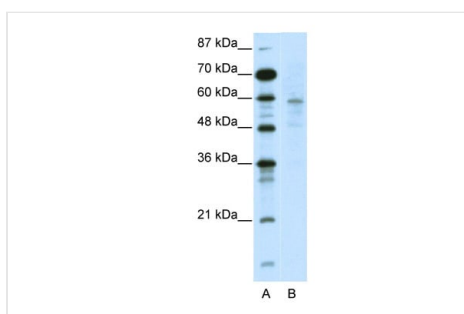
PRODUCT SYNONYMS

DMAP1; Polyclonal Antibody; DMAP1 antibody - N-terminal region; anti-DMAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA TGADVRDILE LGGPEGDAAS GTISKDKIIN PDKKSKSKSS ETLTFKRP
Sequence Length	467
Applicable Applications for anti-DMAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DMAP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

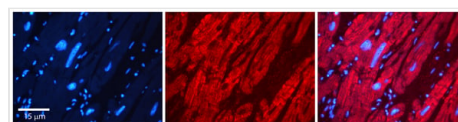
IMAGES



WB (Western Blot)

WB Suggested Anti-DMAP1 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive

Control: Jurkat cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-DMAP1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working
Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-DMAP1 antibody	This is a rabbit polyclonal antibody against DMAP1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: DMAP1 is a subunit of several, distinct complexes involved in the repression or activation of transcription. The encoded protein can independently repress transcription and is targeted to replication foci throughout S phase by interacting directly with the N-terminus of DNA methyltransferase 1. During late S phase, histone deacetylase 2 is added to this complex, providing a means to deacetylate histones in transcriptionally inactive heterochromatin following replication. The encoded protein is also a component of the nucleosome acetyltransferase of H4 complex and interacts with the transcriptional corepressor tumor susceptibility gene 101 and the pro-apoptotic death-associated protein 6, among others. Alternatively spliced transcript variants encoding the same protein have been described.
Product Categories/Family for anti-DMAP1 antibody	Polyclonal; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; Acetylation; Methylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13123776
NCBI GeneID	55929
NCBI Accession #	NP_061973
NCBI GenBank Nucleotide #	NM_019100
UniProt Accession #	Q9NPF5
Molecular Weight	53kDa
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	DMAP1
UniProt Synonym Gene Names	KIAA1425
UniProt Entry Name	DMAP1_HUMAN

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.