

Anti-DMAP1 antibody

Cat. No.	ml163722
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-DMAP1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human DMAP1
Reactivity	Human, Mouse
Content	0.54 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DMAP1
Full name	DNA methyltransferase 1 associated protein 1
Synonyms	EAF2; SWC4; MEAF2; DNMAP1; DNMTAP1
Swissprot	Q9NPF5

Target Background

This gene encodes 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.

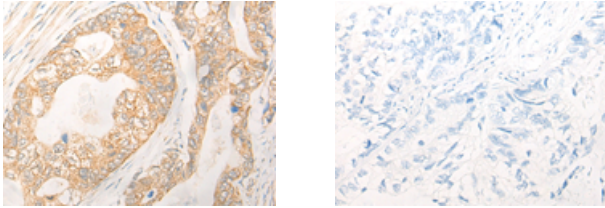
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human gastric cancer

Recommended dilution: 20-100

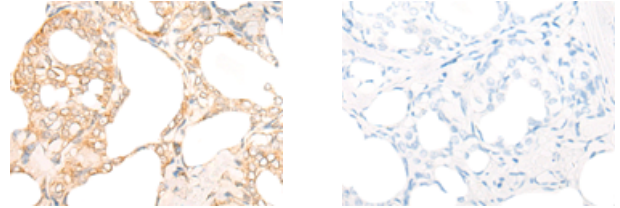


The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml163722(DMAP1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml163722(DMAP1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 53 kDa

Positive control: 231 and HeLa cell lysates

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

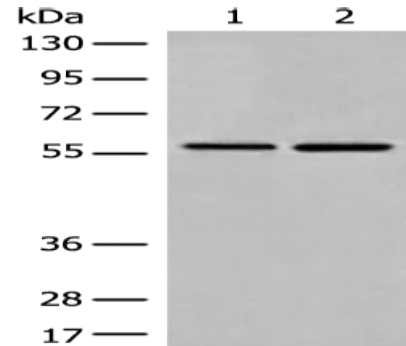
Lysate: 40 μ g

Lane 1-2: 231 and HeLa cell lysates

Primary antibody: ml163722(DMAP1 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 5000-10000

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