

11-7005: Polyclonal Antibody to DMAP1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	DMAP1
Gene ID :	55929
Uniprot ID :	Q9NPF5
Format :	Purified
Alternative Name :	DMAP1, KIAA1425
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant DMAP1 protein (amino acids 140-462) was used as the immunogen for this antibody.

Description

DNA methyltransferase 1-associated protein 1 is an enzyme that in humans is encoded by the DMAP1 gene and consisting of 433 aminoacids. It is involved in transcription repression and activation. DMAP1 interacts with HDAC2 which provides a mechanism for histone deacetylation in heterochromatin following replication of DNA at late dismissal origins. DMAP1 can also repress transcription independently of histone deacetylase activity. It participates in the nuclear localization of URI1 and increases its transcriptional co-repressor activity. It is expressed in adipose tissue, adrenal gland, amniotic fluid, cerebellar cortex, hippocampus, liver, etc.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 Åµg/ml

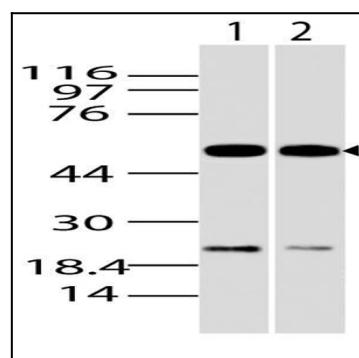


Fig-1: Western blot analysis of DMAP1. Anti-DMAP1 antibody (11-7005) was used at 4 µg/ml on 1) HeLa, 2) HepG2 lysates.