

MTNAP1Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21486a**Specification**

MTNAP1Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	O9BSJ5
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG

MTNAP1Antibody (N-Term) - Additional Information**Gene ID** 55028**Other Names**

Uncharacterized protein C17orf80, Cell migration-inducing gene 3 protein, Human lung cancer oncogene 8 protein, HLC-8, C17orf80

Target/Specificity

This C17orf80 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 60-93 amino acids from human C17orf80.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MTNAP1Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

MTNAP1Antibody (N-Term) - Protein Information**Name** MTNAP1 ([HGNC:29601](#))

Function Critical regulator of mitochondrial DNA (mtDNA) abundance (PubMed:[37676315](#)). Binds dsDNA throughout the mitochondrial genome without sequence specificity and controls mtDNA copy number by promoting its replication (PubMed:[37676315](#)). Also plays important roles in

mitochondrial metabolism and cell proliferation (PubMed:[37676315](#)).

Cellular Location

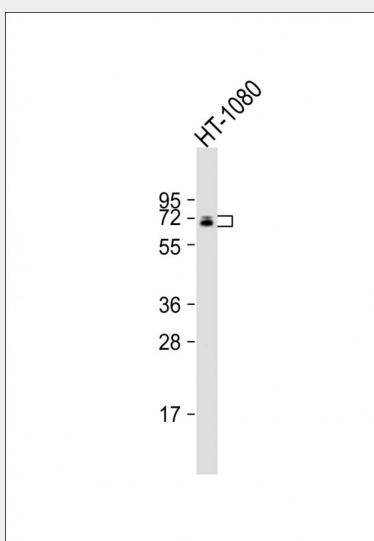
Mitochondrion inner membrane; Single-pass type I membrane protein. Mitochondrion matrix, mitochondrion nucleoid Note=Retained in nucleoids under mtDNA replication stress caused by ddC and EtBr.

MTNAP1Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTNAP1Antibody (N-Term) - Images



Anti-C17orf80 Antibody (N-Term) at 1:2000 dilution + HT-1080 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 67 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MTNAP1Antibody (N-Term) - References

Kim J.W., et al. Submitted (OCT-2002) to the EMBL/GenBank/DDBJ databases.
Wiemann S., et al. Genome Res. 11:422-435(2001).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:1045-1049(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.