

MTNAP1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12785**Specification**

MTNAP1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9BSJ5
Other Accession	NM_017941 , NP_060411
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Bovine, Dog, Guinea Pig, Horse
Predicted	Human, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67kDa KDa

MTNAP1 antibody - N-terminal region - Additional Information**Gene ID** 55028**Alias Symbol** **FLJ20721, HLC-8, MIG3, SPEP1****Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-C17orf80 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MTNAP1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MTNAP1 antibody - N-terminal region - 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).

href="http://www.uniprot.org/citations/37676315" target="_blank">37676315).

Cellular Location

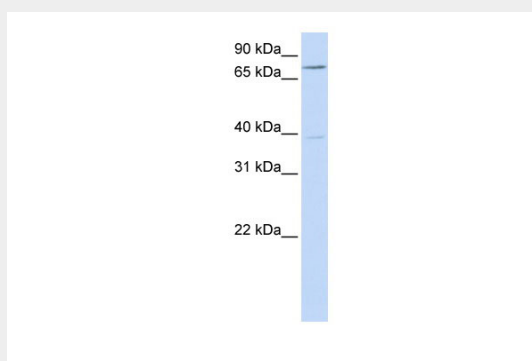
Mitochondrion inner membrane; Single-pass type I membrane protein. Mitochondrion matrix, mitochondrion nucleoid Note=Retained in nucleoids under mtDNA replication stress caused by ddC and EtBr.

MTNAP1 antibody - N-terminal region - 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](#)

MTNAP1 antibody - N-terminal region - Images



WB Suggested Anti-C17orf80 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Hela cell lysate

MTNAP1 antibody - N-terminal region - References

Kim,J.M.,(2006)DNARes.13(6),275-286ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1 week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.