

# C17orf80 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12785

## Product Information

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|--------------------------|---------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                        |
| <b>Primary Accession</b> | <a href="#">Q9BSJ5</a>                                                    |
| <b>Other Accession</b>   | <a href="#">NM_017941</a> , <a href="#">NP_060411</a>                     |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| <b>Predicted</b>         | Human, Rabbit, Pig, Dog, Guinea Pig, Horse                                |
| <b>Host</b>              | Rabbit                                                                    |
| <b>Clonality</b>         | Polyclonal                                                                |
| <b>Calculated MW</b>     | 67315                                                                     |

## Additional Information

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| <b>Gene ID</b>                      | 55028                                                                                                                                                                                             |
| <b>Alias Symbol</b>                 | FLJ20721, HLC-8, MIG3, SPEP1                                                                                                                                                                      |
| <b>Other Names</b>                  | Uncharacterized protein C17orf80, Cell migration-inducing gene 3 protein, Human lung cancer oncogene 8 protein, HLC-8, C17orf80                                                                   |
| <b>Format</b>                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                 |
| <b>Reconstitution &amp; Storage</b> | 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. |
| <b>Precautions</b>                  | C17orf80 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

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| <b>Name</b>              | MTNAP1 ( <a href="#">HGNC:29601</a> )                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>          | Critical regulator of mitochondrial DNA (mtDNA) abundance (PubMed: <a href="#">37676315</a> ). Binds dsDNA throughout the mitochondrial genome without sequence specificity and controls mtDNA copy number by promoting its replication (PubMed: <a href="#">37676315</a> ). Also plays important roles in mitochondrial metabolism and cell proliferation (PubMed: <a href="#">37676315</a> ). |
| <b>Cellular Location</b> | 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.                                                                                                                                                                                               |

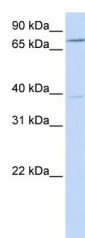
## References

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Kim,J.M.,(2006)DNARes.13(6),275-286ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

## Images

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WB Suggested Anti-C17orf80 Antibody Titration: 0.2-1  
µg/ml  
ELISA Titer: 1:1562500  
Positive Control: Hela cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.