

# SURF1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14688

## Product Information

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|--------------------------|-------------------------------------------------------|
| <b>Application</b>       | WB                                                    |
| <b>Primary Accession</b> | <a href="#">Q15526</a>                                |
| <b>Other Accession</b>   | <a href="#">NM_003172</a> , <a href="#">NP_003163</a> |
| <b>Reactivity</b>        | Human, Guinea Pig, Horse, Bovine                      |
| <b>Predicted</b>         | Human, Guinea Pig, Horse, Bovine                      |
| <b>Host</b>              | Rabbit                                                |
| <b>Clonality</b>         | Polyclonal                                            |
| <b>Calculated MW</b>     | 33331                                                 |

## Additional Information

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| <b>Gene ID</b>                      | 6834                                                                                                                                                                                           |
| <b>Other Names</b>                  | Surfeit locus protein 1, SURF1, SURF-1                                                                                                                                                         |
| <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-SURF1 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>                  | SURF1 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>              | SURF1                                                                                                                                                                       |
| <b>Synonyms</b>          | SURF-1                                                                                                                                                                      |
| <b>Function</b>          | Component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. |
| <b>Cellular Location</b> | Mitochondrion inner membrane {ECO:0000250   UniProtKB:P09925};<br>Multi-pass membrane protein                                                                               |

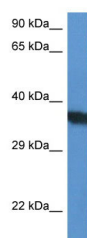
## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Humphray S.J.,et al.Nature 429:369-374(2004).  
Zhu Z.,et al.Nat. Genet. 20:337-343(1998).  
Pequignot M.O.,et al.Hum. Mutat. 17:374-381(2001).

## Images

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WB Suggested Anti-SURF1 Antibody Titration: 1.0 µg/ml  
Positive Control: HepG2 Whole Cell

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