

# Angel1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13763

## Product Information

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|--------------------------|-----------------------------------------------------------|
| <b>Application</b>       | WB                                                        |
| <b>Primary Accession</b> | <a href="#">Q8VCU0</a>                                    |
| <b>Other Accession</b>   | <a href="#">NM_144524</a> , <a href="#">NP_653107</a>     |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine |
| <b>Predicted</b>         | Human, Rabbit, Dog, Guinea Pig, Horse, Bovine             |
| <b>Host</b>              | Rabbit                                                    |
| <b>Clonality</b>         | Polyclonal                                                |
| <b>Calculated MW</b>     | 75254                                                     |

## Additional Information

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| <b>Gene ID</b>                      | 68737                                                                                                                                                                                           |
| <b>Alias Symbol</b>                 | 1110030H02Rik, KIAA0759, mKIAA0759                                                                                                                                                              |
| <b>Other Names</b>                  | Protein angel homolog 1 {ECO:0000312 MGI:MGI:1915987}, Angel1 {ECO:0000312 MGI:MGI:1915987}                                                                                                     |
| <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-Angel1 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>                  | Angel1 antibody - C-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>              | Angel1 {ECO:0000312 MGI:MGI:1915987}                                                                                                                                                                                                                                                                                    |
| <b>Function</b>          | Exhibits weak RNA 2',3'-cyclic phosphatase, catalyzing the hydrolysis of RNA molecules with a 2',3'-cyclic phosphate at the 3' end to produce RNA with a linear 3'-phosphate group. Plays a role in the non-stop mRNA decay pathway (NSD), which specifically targets and degrades mRNAs that lack a proper stop codon. |
| <b>Cellular Location</b> | Mitochondrion outer membrane {ECO:0000250 UniProtKB:Q9UNK9}. Golgi apparatus {ECO:0000250 UniProtKB:Q9UNK9}. Endoplasmic reticulum {ECO:0000250 UniProtKB:Q9UNK9}                                                                                                                                                       |

## References

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Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).

Okazaki N.,et al.Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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WB Suggested Anti-Angel1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Mouse Liver

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