

# KLHL9 Rabbit pAb

Catalog # AP99320

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF                                                                                                                                                                                                                                                           |
| <b>Primary Accession</b>       | <a href="#">Q9P2J3</a>                                                                                                                                                                                                                                                     |
| <b>Other Accession</b>         | <a href="#">Q9P2J3</a>                                                                                                                                                                                                                                                     |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                     |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                 |
| <b>Calculated MW</b>           | 69429                                                                                                                                                                                                                                                                      |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human KLHL9                                                                                                                                                                                                                  |
| <b>Epitope Specificity</b>     | 161-260/617                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                             |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                          |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                  |
| <b>Background Descriptions</b> | KLHL9 is the substrate-specific adapter for a CUL3-based E3 ubiquitin-protein ligase complex. Within this complex, KLHL9 controls the dynamic behavior of AURKB on mitotic chromosomes and thereby coordinates faithful mitotic progression and completion of cytokinesis. |

## Additional Information

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| <b>Gene ID</b>     | 55958                                                                                                                                                                                           |
| <b>Other Names</b> | 8030469P05; C530050O22Rik; mKIAA1354; RGD1304814; KLHL9_HUMAN; KLHL9; KIAA1354; KLHL9_MOUSE; kelch like family member 9; kelch-like 9 (Drosophila)                                              |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500                                                                                                                                                    |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| <b>Name</b>     | KLHL9                                                                                                                                         |
| <b>Synonyms</b> | KIAA1354                                                                                                                                      |
| <b>Function</b> | Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The |

BCR(KLHL9-KLHL13) E3 ubiquitin ligase complex mediates the ubiquitination of AURKB and controls the dynamic behavior of AURKB on mitotic chromosomes and thereby coordinates faithful mitotic progression and completion of cytokinesis.

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