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KLHL9 Rabbit pAb

Catalog # AP99320

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9P2J3
Other Accession	Q9P2J3
Reactivity	Rat
Predicted	Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69429
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLHL9
Epitope Specificity	161-260/617
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	55958
Other Names	8030469P05; C530050O22Rik; mKIAA1354; RGD1304814; KLHL9_HUMAN; KLHL9; KIAA1354; KLHL9_MOUSE; kelch like family member 9; kelch-like 9 (Drosophila)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	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

Name	KLHL9
Synonyms	KIAA1354

Function	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'.