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HURP Rabbit pAb

Catalog # AP98528

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q15398
Other Accession	Q15398
Reactivity	Human, Mouse
Predicted	Rat, Pig, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95115
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HURP
Epitope Specificity	51-150/846
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the SAPAP family.
SUBUNIT	Interacts with CDK1. Interacts with the C-terminal proline-rich region of FBXO7. Recruited by FBXO7 to a SCF (SKP1-CUL1-F-box) protein complex in a CDK1/Cyclin B-phosphorylation dependent manner. Interacts with CDH1.
Post-translational modifications	Ubiquitinated, leading to its degradation.Phosphorylated upon DNA damage, probably by ATM or ATR. Decreased phosphorylation levels are associated with the differentiation of intestinal epithelial cells.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Potential cell cycle regulator that may play a role in carcinogenesis of cancer cells. Mitotic phosphoprotein regulated by the ubiquitin-proteasome pathway. Key regulator of adherens junction integrity and differentiation that may be involved in CDH1-mediated adhesion and signaling in epithelial cells.

Additional Information

Gene ID	9787
Other Names	DLG7; HURP; DLGP5_HUMAN; DLGAP5; DAP-5; Discs large homolog 7; Disks large-associated protein DLG7; Hepatoma up-regulated protein (HURP); KIAA0008; DLG associated protein 5; discs, large homolog 7 (Drosophila); discs, large (Drosophila) homolog-associated protein 5; discs large homolog associated protein 5
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	DLGAP5
Synonyms	DLG7, KIAA0008
Function	Potential cell cycle regulator that may play a role in carcinogenesis of cancer cells. Mitotic phosphoprotein regulated by the ubiquitin-proteasome pathway. Key regulator of adherens junction integrity and differentiation that may be involved in CDH1-mediated adhesion and signaling in epithelial cells.
Cellular Location	Nucleus. Cytoplasm. Cytoplasm, cytoskeleton, spindle. Note=Localizes to the spindle in mitotic cells. Colocalizes with CDH1 at sites of cell-cell contact in intestinal epithelial cells
Tissue Location	Abundantly expressed in fetal liver. Expressed at lower levels in bone marrow, testis, colon, and placenta

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