



HURP Polyclonal Antibody

Cat No: HR1AP3697

For research use only

Overview

Product Name	HURP Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	 A graphic element consisting of a blue and white DNA double helix on the left, followed by a series of colored dots (red, blue, grey) of varying sizes, all set against a light grey background.
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	95kDa
GenelID?Human?	DLGAP5
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DLGAP5; DLG7; KIAA0008; Disks large-associated protein 5; DAP-5; Discs large homolog 7; Disks large-associated protein DLG7; Hepatoma up-regulated protein; HURP
Background	developmental stage:Elevated levels of expression detected in the G2/M phase of synchronized cultures of HeLa cells.,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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR. Decreased phosphorylation levels are associated with the differentiation of intestinal epithelial cells.,PTM:Ubiquitinated, leading to its degradation.,similarity:Belongs to the SAPAP family.,subcellular location:Localizes to the spindle poles in mitotic cells. Colocalizes with CDH1 at sites of cell-cell contact in intestinal epithelial cells.,subunit:Interacts with CDC2. Interacts with the C-terminal proline-rich region of FBXO7. Recruited by FBXO7 to a SCF (SKP1-CUL1-F-box) protein complex in a CDC2/Cyclin B-phosphorylation dependent manner. Interacts with CDH1.,tissue specificity:Abundantly expressed in fetal liver. Expressed at lower levels in bone marrow, testis, colon, and placenta.,