

For Research Use Only

HURP Polyclonal antibody

Catalog Number: 12038-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

12038-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2667

GenBank Accession Number:

BC010658

GeneID (NCBI):

9787

UNIPROT ID:

Q15398

Full Name:

discs, large (Drosophila) homolog-associated protein 5

Calculated MW:

846 aa, 95 kDa

Observed MW:

95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, pig

Positive Controls:

WB : HEK-293 cells, HeLa cells

IF/ICC : HEK-293 cells,

Background Information

DLGAP5, also named as DAP 5 or DLG7, is a kinetochore protein that stabilizes microtubules in vicinity of chromosomes. DLG7 controls spindle dynamics, promotes interkinetochore tension and efficient kinetochore capture. DLG7 is a part of Ran-dependent complex. Expression of DLG7 is found in cancer and stem cells. DLGAP5 contributes to hepatocellular carcinoma tumorigenesis by promoting cell proliferation (PMID: 24324629).

Notable Publications

Author	Pubmed ID	Journal	Application
Yun Feng	34687756	Life Sci	WB, IHC
Yan Deng	35370991	Front Endocrinol (Lausanne)	WB
Sylvia Fenosoa Rasamizafy	34440628	Cells	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

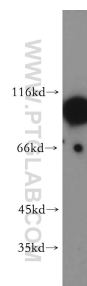
T: 4006900926

E: Proteintech-CN@ptglab.com

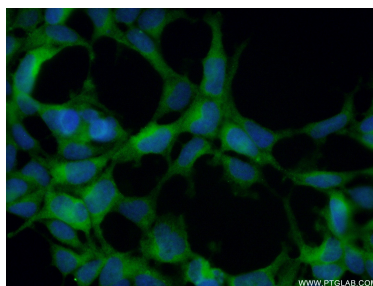
W: ptgcn.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12038-1-AP (DLGAP5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 12038-1-AP (HURP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).