Anti-Dlg1

Catalogue number: 153963
Sub-type: Primary antibody
Images:

Contributor

Inventor: Lawrence Banks
Institute: International Centre For Genetic Engineering And Biotechnology (ICGEB)
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Dlg1

Alternate name: Discs Large MAGUK Scaffold Protein, Synapse-Associated Protein 97, Discs Large Homolog 1, Scribble Cell Polarity Complex Component 2, Presynaptic Protein SAP97, Disks Large Homolog 1, SAP97

Class: Polyclonal
Conjugate: Unconjugated
Description: hDlg1 is a mammalian homolog of the Drosophila discs large tumour suppressor protein which is intimately involved in the control of cell growth, maintenance of cell adhesion and cell polarity. In cells hDlg1 associates with the cortical cytoskeleton that underlies the plasma membrane at cell-cell adhesion sites. PDZ domains of hDlg1 have been shown to interact with the C-termini of several proteins including Shaker-type K+ channels, cytoskeletal protein 4.1 and the APC tumour suppressor protein. In addition hDlg1 has also been shown to interact with several viral oncoproteins including Adenovirus 9 E4ORF1 protein, HTLV-1 Tax and the high risk HPV E6 proteins.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity: Drosophila ; Human ; Rat
Selectivity:
Host: Rabbit
Immunogen: N-terminus aa 1-222 of rat Dlg
Immunogen UNIPROT ID:
Sequence:

Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Dlg1

Target alternate names:

Target background: hDlg1 is a mammalian homolog of the Drosophila discs large tumour suppressor protein which is intimately involved in the control of cell growth, maintenance of cell adhesion and cell polarity. In cells hDlg1 associates with the cortical cytoskeleton that underlies the plasma membrane at cell-cell adhesion sites. PDZ domains of hDlg1 have been shown to interact with the C-termini of several proteins including Shaker-type K+ channels, cytoskeletal protein 4.1 and the APC tumour suppressor protein. In addition hDlg1 has also been shown to interact with several viral oncoproteins including Adenovirus 9 E4ORF1 protein, HTLV-1 Tax and the high risk HPV E6 proteins.

Molecular weight: 107 kDa

Ic50:

Applications

Application: IF ; WB
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: Serum
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Johansson et al. 2012. EMBO J. 31(14):3212-27. PMID: 22617423. ; HPV-16 E2 contributes to induction of HPV-16 late gene expression by inhibiting early polyadenylation.