

DLG7 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2810a**Specification**

DLG7 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q15398](#)**DLG7 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9787**Other Names**

Disks large-associated protein 5, DAP-5, Discs large homolog 7, Disks large-associated protein DLG7, Hepatoma up-regulated protein, HURP, DLGAP5, DLG7, KIAA0008

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2810a](/products/AP2810a) was selected from the N-term region of human DLG7. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DLG7 Antibody (N-term) Blocking Peptide - 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

DLG7 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DLG7 Antibody (N-term) Blocking Peptide - Images**DLG7 Antibody (N-term) Blocking Peptide - Background**

DLG7 is a potential cell cycle regulator that may play a role in carcinogenesis of cancer cells and mitotic phosphoprotein regulated by the ubiquitin-proteasome pathway. The protein is also a key regulator of adherens junction integrity and differentiation that may be involved in CDH1-mediated adhesion and signaling in epithelial cells.

DLG7 Antibody (N-term) Blocking Peptide - References

de Reynies,A., J. Clin. Oncol. 27 (7), 1108-1115 (2009)Gudmundsson,K.O., Stem Cells 25 (6), 1498-1506 (2007)Laprise,P., J. Biol. Chem. 279 (11), 10157-10166 (2004)