

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

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**DLG7 Antibody (N-term) Blocking Peptide - Product Information**

Primary 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)