

LLGL2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2199a**Specification**

LLGL2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q6P1M3](#)

LLGL2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 3993

Other Names

Lethal(2) giant larvae protein homolog 2, HGL, LLGL2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2199a](/product/products/AP2199a) was selected from the C-term region of human LLGL2. 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.

LLGL2 Antibody (C-term) Blocking Peptide - Protein Information

Name LLGL2

Function

Part of a complex with GPSM2/LGN, PRKCI/aPKC and PARD6B/Par- 6, which may ensure the correct organization and orientation of bipolar spindles for normal cell division. This complex plays roles in the initial phase of the establishment of epithelial cell polarity.

Cellular Location

Cytoplasm. Note=Localized in the perinuclear structure and faintly at the cell- cell contacts sites in the interphase. Localized at the cell periphery during metaphase. Cortical localization in mitotic cells. Found in the lateral region of polarized epithelial cells

LLGL2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LLGL2 Antibody (C-term) Blocking Peptide - Images

LLGL2 Antibody (C-term) Blocking Peptide - Background

The lethal (2) giant larvae protein of *Drosophila* plays a role in asymmetric cell division, epithelial cell polarity, and cell migration. LLGL2 is a protein similar to lethal (2) giant larvae of *Drosophila*. In fly, the protein's ability to localize cell fate determinants is regulated by the atypical protein kinase C (aPKC). In human, this protein interacts with aPKC-containing complexes and is cortically localized in mitotic cells.

LLGL2 Antibody (C-term) Blocking Peptide - References

Yasumi, M., et al., J. Biol. Chem. 280(8):6761-6765 (2005). Katoh, M., et al., Int. J. Oncol. 24(3):737-742 (2004).