

LLGL1/2 Antibody (Center S650/654) Blocking Peptide
Synthetic peptide
Catalog # BP14311c**Specification**

LLGL1/2 Antibody (Center S650/654) Blocking Peptide - Product InformationPrimary Accession [Q6P1M3](#)**LLGL1/2 Antibody (Center S650/654) Blocking Peptide - Additional Information****Gene ID** 3993**Other Names**

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

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.

LLGL1/2 Antibody (Center S650/654) 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

LLGL1/2 Antibody (Center S650/654) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LLGL1/2 Antibody (Center S650/654) Blocking Peptide - Images

LLGL1/2 Antibody (Center S650/654) Blocking Peptide - Background

The lethal (2) giant larvae protein of *Drosophila* plays a role in asymmetric cell division, epithelial cell polarity, and cell migration. This human gene encodes 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. Alternative splicing results in multiple transcript variants encoding different isoforms.

LLGL1/2 Antibody (Center S650/654) Blocking Peptide - References

Lisovsky, M., et al. Hum. Pathol. 41(6):902-909(2010) Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010) Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010) Yamada, Y., et al. Atherosclerosis 207(1):144-149(2009) Lisovsky, M., et al. Mod. Pathol. 22(7):977-984(2009)