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

Synthetic peptide
Catalog # BP14311c

Specification

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

Primary 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

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

The lethal (2) giant larvae protein of Drosophila plays arole in asymmetric cell division, epithelial cell polarity, andcell migration. This human gene encodes a protein similar to lethal(2) giant larvae of Drosophila. In fly, the protein's ability tolocalize cell fate determinants is regulated by the atypicalprotein kinase C (aPKC). In human, this protein interacts withaPKC-containing complexes and is cortically localized in mitoticcells. Alternative splicing results in multiple transcript variantsencoding 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)