10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LLGL2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2199b

Specification

LLGL2 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q6P1M3
Other Accession	Q3TJ91
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**113448**
Antigen Region	**165-199**

LLGL2 Antibody (N-term) - Additional Information

Gene ID 3993

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

Target/Specificity
This LLGL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-199 amino acids from the N-terminal region of human LLGL2.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LLGL2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LLGL2 Antibody (N-term) - 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.

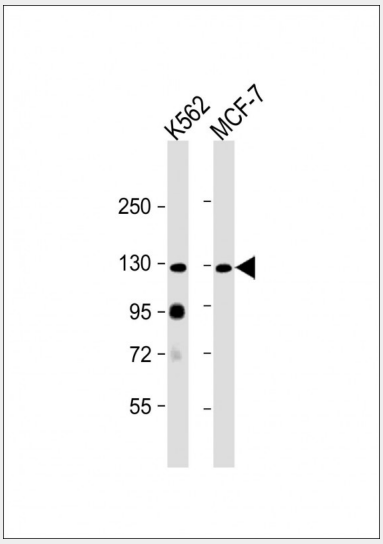
Cellular Location
Cytoplasm. Note=Localized in the perinuclear structure and faintly at the cell- cell contacts sites in the interphase. Localized at the cell periphery during metaphase. Cortical localization in mitotic cells. Found in the lateral region of polarized epithelial cells

LLGL2 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LLGL2 Antibody (N-term) - Images



All lanes : Anti-hLLGL2-E180 at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 113 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

LLGL2 Antibody (N-term) - 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 (N-term) - 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).