


Anti-LLGL2 antibody ab73304

1 References

Overview

Product name	Anti-LLGL2 antibody
Description	Rabbit polyclonal to LLGL2
Host species	Rabbit
Specificity	Reacts specifically with human 113 kDa protein.
Tested applications	Suitable for: ELISA, IHC, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide derived from N terminal domain of human LLGL2 protein
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab73304 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.
IHC		1/100 - 1/1000.
WB		1/1000 - 1/5000. Predicted molecular weight: 113 kDa.

Target

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.
Sequence similarities	Belongs to the WD repeat L(2)GL family. Contains 14 WD repeats.
Post-translational modifications	Phosphorylated at Ser-653 by PRKCI. Phosphorylation is enhanced during cell polarization induced by calcium. Phosphorylation may occur during the cell-cell contact-induced cell polarization and may contribute to the segregation of LLGL2 from the PRKCI/aPKC and PARD6B/Par-6 complex.
Cellular localization	Cytoplasm. 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.

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