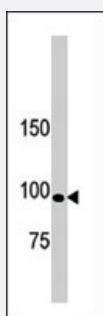


LLGL1 polyclonal antibody

Catalog # PAB4246

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of LLGL1 polyclonal antibody (Cat # PAB4246) in 293 cell line lysate . LLGL1 (arrow) was detected using the purified LLGL1 polyclonal antibody (Cat # PAB4246) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LLGL1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human LLGL1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of LLGL1 polyclonal antibody (Cat # PAB4246) in 293 cell line lysate . LLGL1 (arrow) was detected using the purified LLGL1 polyclonal antibody (Cat # PAB4246) .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LLGL1

Entrez GeneID [3996](#)

Protein Accession# [NP_004131:Q15334](#)

Gene Name LLGL1

Gene Alias DLG4, HUGL, HUGL-1, HUGL1, LLGL

Gene Description lethal giant larvae homolog 1 (Drosophila)

Omim ID [600966](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is similar to a tumor suppressor in Drosophila. The protein is part of a cytoskeletal network and is associated with nonmuscle myosin II heavy chain and a kinase that specifically phosphorylates this protein at serine residues. The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq]

Other Designations lethal giant larvae homolog 1

Publication Reference

- [Reduced expression of Hugi-1, the human homologue of Drosophila tumour suppressor gene lgl, contributes to progression of colorectal cancer.](#)

Schimanski CC, Schmitz G, Kashyap A, Bosserhoff AK, Bataille F, Schafer SC, Lehr HA, Berger MR, Galle PR, Strand S, Strand D.

Oncogene 2005 Apr; 24(19):3100.

Application: IF, IHC-P, Human, Human colorectal cancer, Human colon mucosa, HT-29, LSI174T, SW480, SW620 cells

- [The human protein Hugl-1 substitutes for Drosophila lethal giant larvae tumour suppressor function in vivo.](#)

Grifoni D, Garoia F, Schimanski CC, Schmitz G, Laurenti E, Galle PR, Pession A, Cavicchi S, Strand D.

Oncogene 2004 Nov; 23(53):8688.

Application: IF, IP, WB-Tr, Insect, Sf9 cells

- [Identification and characterization of human LLGL4 gene and mouse Llgl4 gene in silico.](#)

Katoh M, Katoh M.

International Journal of Oncology 2004 Mar; 24(3):737.

Pathway

- [Tight junction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)