

For Research Use Only

LLGL2 Polyclonal antibody, PBS Only

Catalog Number:15993-1-PBS



Basic Information

Catalog Number:

15993-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8867

GenBank Accession Number:

BC010879

GeneID (NCBI):

3993

UNIPROT ID:

Q6P1M3

Full Name:

lethal giant larvae homolog 2
(Drosophila)

Calculated MW:

356aa,40 kDa; 1020aa,113 kDa

Observed MW:

113-120 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

Lethal giant larvae (Lgl) is a scaffolding protein that regulates the establishment of apical-basal polarity in epithelial cells. The human homologs of Lgl are known as LLGL1 and LLGL2. LLGL1 is a tumor suppressor in multiple human cancers, including hepatocellular carcinoma, malignant melanoma, and colorectal cancer (PMID: 34178676; 15735678; 16170365). LLGL2 functions as a promoter of tumor growth and not as a tumor suppressor in ER+ breast cancer (PMID: 30996345).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

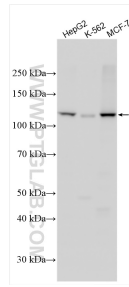
T: 4006900926

E: Proteintech-CN@ptglab.com

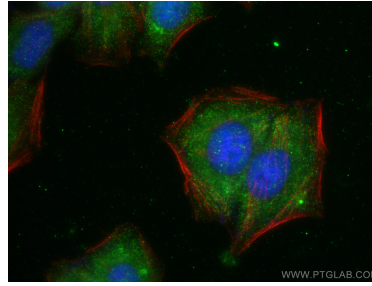
W: ptgcn.com

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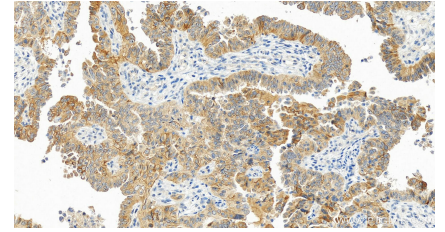
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15993-1-AP (LLGL2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15993-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using LLGL2 antibody (15993-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 15993-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 15993-1-AP (LLGL2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15993-1-PBS in a different storage buffer formulation.