For Research Use Only

LLGL2 Polyclonal antibody

Catalog Number:15993-1-AP



Basic Information	Catalog Number: 15993-1-AP	GenBank Accession Number: BC010879	Purification Method: Antigen affinity purification
	Size: 230 ug/ml Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG8867	GenelD (NCBI): 3993	Recommended Dilutions: WB 1:500-1:1000
		UNIPROT ID: Q6P1M3	IF/ICC 1:200-1:800
		Full Name: lethal giant larvae homolog 2 (Drosophila) Calculated MW: 356aa,40 kDa; 1020aa,113 kDa	
		Applications	Tested Applications: IF/ICC, WB, 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 -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage		

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: 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. 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).