

LLGL1 Rabbit mAb

Catalog # AP76572

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q15334
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	115418

Additional Information

Gene ID	3996
Other Names	LLGL1
Dilution	WB~~1:1000 IHC-P~~N/A IP~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	LLGL1
Synonyms	DLG4, HUGL, HUGL1
Function	Cortical cytoskeleton protein found in a complex involved in maintaining cell polarity and epithelial integrity. Involved in the regulation of mitotic spindle orientation, proliferation, differentiation and tissue organization of neuroepithelial cells. Involved in axonogenesis through RAB10 activation thereby regulating vesicular membrane trafficking toward the axonal plasma membrane.
Cellular Location	Early endosome membrane. Golgi apparatus, trans-Golgi network membrane. Golgi apparatus membrane. Cell projection, axon. Cytoplasm, cytoskeleton Note=Localized to the lateral membrane during the polarization and formation cell-cell contacts. Enriched in developing axons (By similarity).
Tissue Location	Expressed in brain, kidney, and muscle but is barely seen in heart and

placenta. Down-regulated or lost in all cell lines and in most of the tumor samples analyzed. Loss was associated with advanced stage of the disease.

Background

Cortical cytoskeleton protein found in a complex involved in maintaining cell polarity and epithelial integrity.

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