



## Anti-LLGL1 (aa 911-1010) polyclonal antibody (DPAB-DC1858)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a protein that is similar to a tumor suppressor in <i>Drosophila</i> . 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.
<b>Immunogen</b>	LLGL1 (NP_004131, 911 a.a. ~ 1010 a.a) partial recombinant protein with GST tag. The sequence is GIASCVFTRHGQGFYLISPSEFERFSL SARNITEPLCSLDINWPRDATQASYRIRESPKL SQANGTPSILLAPQSLDGSPDPAHSMGPDTPEPPEAALSP
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">LLGL1 lethal giant larvae homolog 1 (<i>Drosophila</i>) [ <i>Homo sapiens</i> (human) ]</a>
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<b>Official Symbol</b>	LLGL1
<b>Synonyms</b>	LLGL1; lethal giant larvae homolog 1 (Drosophila); DLG4; HUGL; LLGL; HUGL1; HUGL-1; lethal(2) giant larvae protein homolog 1; human homolog to the D-Igl gene protein;
<b>Entrez Gene ID</b>	<a href="#">3996</a>
<b>Protein Refseq</b>	<a href="#">NP_004131</a>
<b>UniProt ID</b>	<a href="#">Q15334</a>
<b>Chromosome Location</b>	17p11.2
<b>Pathway</b>	Hippo signaling pathway; Tight junction;
<b>Function</b>	Rab GTPase activator activity; protein binding; protein kinase binding; structural molecule activity

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