



Rabbit Anti-Human DLG5 Polyclonal Antibody (CABT-L2259)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Discs, Large Homolog 5 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against DLG5. It has been selected for its ability to recognize DLG5 in immunohistochemical staining and western blotting.
Target	DLG5
Immunogen	Recombinant fragment corresponding to human DLG5 (Asp1724~Ser1917)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a member of the family of discs large (DLG) homologs, a subset of the membrane-associated guanylate kinase (MAGUK) superfamily. The MAGUK proteins are composed of a catalytically inactive guanylate kinase domain, in addition to PDZ and SH3 domains, and are thought to function as scaffolding molecules at sites of cell-cell contact. The protein encoded by this gene localizes to the plasma membrane and cytoplasm, and interacts with components of adherens junctions and the cytoskeleton. It is proposed to function in the transmission of extracellular signals to the cytoskeleton and in the maintenance of epithelial cell structure. Alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]
Keywords	LP-DLG;P-DLG5;PDLG;Discs large protein P-dlg;Placenta and prostate DLG

GENE INFORMATION

Gene Name	DLG5 discs, large homolog 5 (Drosophila) [Homo sapiens (human)]
Official Symbol	DLG5
Synonyms	DLG5; discs, large homolog 5 (Drosophila); PDLG; LP-DLG; P-DLG5; disks large homolog 5; large type of P-DLG; discs large protein P-dlg; placenta and prostate DLG; discs large protein LP-DLG;
Entrez Gene ID	9231
Protein Refseq	NP_004738
UniProt ID	Q8TDM6
Chromosome Location	10q23
Function	beta-catenin binding; cytoskeletal protein binding; protein binding; receptor signaling complex scaffold activity;