

# DLG1 polyclonal antibody

Catalog # PAB11517 Size 100 ug

## **Applications**



#### Western Blot (Cell lysate)

DLG1 polyclonal antibody (Cat # PAB11517) (0.3 ug/mL) staining of Kelly lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification	
Product Description	Goat polyclonal antibody raised against synthetic peptide of DLG1.
Immunogen	A synthetic peptide corresponding to human DLG1.
Sequence	C-NSKTRDKGEIPDD
Host	Goat
Theoretical MW (kDa)	101, 103
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.



#### **Product Information**

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

## **Applications**

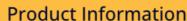
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Enzyme-linked Immunoabsorbent Assay

Gene Info — DLG1	
Entrez GenelD	1739
Protein Accession#	NP_001091894.1;NP_004078.2
Gene Name	DLG1
Gene Alias	DKFZp761P0818, DKFZp781B0426, DLGH1, SAP-97, SAP97, dJ1061C18.1.1, hdlg
Gene Description	discs, large homolog 1 (Drosophila)
Omim ID	601014
Gene Ontology	<u>Hyperlink</u>
Gene Summary	0
Other Designations	OTTHUMP00000165202 discs large homolog 1 discs, large homolog 1 presynaptic protein SAP 97 synapse-associated protein 97

#### **Publication Reference**





Discs-large homolog 1 regulates smooth muscle orientation in the mouse ureter.

Mahoney ZX, Sammut B, Xavier RJ, Cunningham J, Go G, Brim KL, Stappenbeck TS, Miner JH, Swat W. PNAS 2006 Dec; 103(52):19872.

Application: WB, Mouse, Mouse lymphocyte extracts

## Pathway

• T cell receptor signaling pathway

#### Disease

- Genetic Predisposition to Disease
- Mental Disorders
- Schizophrenia
- Tobacco Use Disorder