

For Research Use Only

# DLGAP3 Polyclonal antibody

Catalog Number: 55056-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

55056-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001080418

### GeneID (NCBI):

58512

### UNIPROT ID:

O95886

### Full Name:

discs, large (Drosophila) homolog-associated protein 3

### Calculated MW:

106 kDa

### Observed MW:

106-120 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : SH-SY5Y cells, mouse brain tissue, SK-N-SH cells

IHC : human stomach tissue,

## Background Information

DLGAP3, also named as DAP3, belongs to the SAPAP family. It may play a role in the molecular organization of synapses and neuronal cell signaling. DLGAP3 could be an adapter protein linking ion channel to the subsynaptic cytoskeleton. It may induce enrichment of PSD-95/SAP90 at the plasma membrane. The antibody has no cross reaction to other DLGAP members.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yanke Zhang	35513389	Cell Death Dis	WB,IF
Laura E Been	26342498	Biol Psychiatry	WB
Ezgi Hacisuleyman	38589584	Nat Neurosci	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

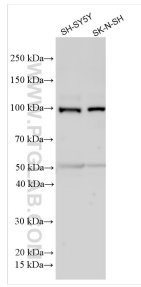
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

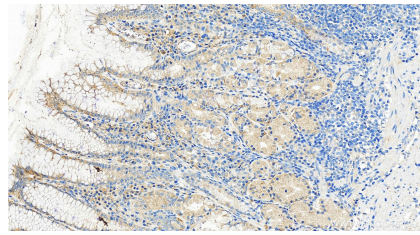
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55056-1-AP (DLGAP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 55056-1-AP (DLGAP3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).