

Datasheet for ABIN1413275

**anti-DLGAP1 antibody (AA 241-360) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | DLGAP1                                                                                                  |
| Binding Specificity: | AA 241-360                                                                                              |
| Reactivity:          | Human                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This DLGAP1 antibody is conjugated to Cy5.5                                                             |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SAPAP1/DLGAP1 |
| Isotype:              | IgG                                                               |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit            |
| Purification:         | Purified by Protein A.                                            |

## Target Details

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Target:           | DLGAP1                                                                                 |
| Alternative Name: | SAPAP1/DLGAP1 ( <a href="#">DLGAP1 Products</a> )                                      |
| Background:       | Synonyms: PSD95 binding protein 1, DAP 1 ALPHA, DAP 1, DAP 1 BETA, DAP-1, DAP-1-ALPHA, |

## Target Details

DAP-1-BETA, DAP1, Discs large Drosophila homolog associated protein 1, Discs large homolog associated protein 1, Disks large associated protein 1, Disks large associated protein 1, alpha isoform, included, Disks large associated protein 1, beta isoform, included, Disks large-associated protein 1, DLGAP 1, Dlgap1, DLGP1\_HUMAN, GKAP, GKAP/SAPAP, GKPA/SAPAP, Guanylate kinase associated protein, Guanylate kinase-associated protein, hGKAP, KIAA4162, MGC88156, mKIAA4162, PSD 95/SAP90 binding protein 1, PSD-95/SAP90-binding protein 1, SAP90/PSD 95 associated protein 1, SAP90/PSD-95-associated protein 1, SAPAP 1, SAPAP1.

Background: Members of the postsynaptic density-95 (PSD-95)/SAP90 family of membrane-associated guanylate kinase (MAGUK) proteins function as multimodular scaffolds that organize protein-signaling complexes at neuronal synapses. PSD-95/SAP90 binds guanylate kinase-associated protein (GKAP), also designated GK domain-binding protein, DAP-1-a, DAP-1-b, PSD-95 binding protein, PSD-95/SAP90 associated protein, or SAPAP, through the guanylate kinase domain. GKAP is expressed widely in neurons of the cortex and hippocampus and in the Purkinje and granule cells of the cerebellum. GKAP is localized specifically in the PSD of glutamatergic synapses, consistent with its direct interaction with PSD-95 family proteins.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

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Expiry Date: 12 months