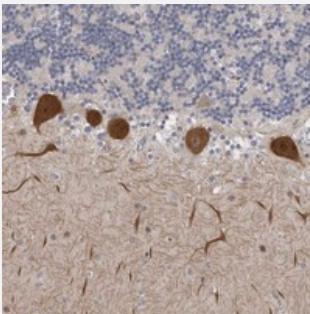


# DLG2 polyclonal antibody

Catalog # PAB21384      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with DLG2 polyclonal antibody (Cat # PAB21384) shows strong cytoplasmic positivity in Purkinje cells at 1:200-1:500 dilution.

## Specification

|                     |  |
|---------------------|--|
| Product Description | Rabbit polyclonal antibody raised against recombinant DLG2.  |
| Immunogen           | Recombinant protein corresponding to amino acids of human DLG2.  |
| Sequence            | KVGKPTTYMTDPYGPPDITHSYSPPMENHLLSGNNGTLEYKTSLPPISPGRYSPIPKHMLVDDDDYTRPPEPVYSTVNLCDKP                      |
| Host                | Rabbit   |
| Reactivity          | Human  |
| Form                | Liquid   |
| Purification        | Antigen affinity purification  |
| Isotype             | IgG  |
| Recommend Usage     | Immunohistochemistry (1:200-1:500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)  |

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with DLG2 polyclonal antibody (Cat # PAB21384) shows strong cytoplasmic positivity in Purkinje cells at 1:200-1:500 dilution.

## Gene Info — DLG2

**Entrez GeneID**[1740](#)**Protein Accession#**[Q15700](#)**Gene Name**

DLG2

**Gene Alias**

DKFZp781D1854, DKFZp781E0954, FLJ37266, MGC131811, PSD-93, PSD93, chapsyn-110

**Gene Description**

discs, large homolog 2 (Drosophila)

**Omim ID**[603583](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. The encoded protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described, but their full-length nature is not known. [provided by RefSeq]

**Other Designations**

OTTHUMP00000165969|channel-associated protein of synapses, 110kDa|chapsyn-110|discs, large homolog 2, chapsyn-110

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Mental Disorders](#)
- [Mental Retardation](#)
- [Parkinson disease](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)