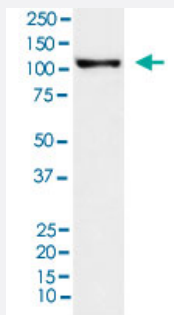


# DLG2 monoclonal antibody, clone AEAC-4

Catalog # MAB22259      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of SH-SY5Y cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human DLG2.
<b>Immunogen</b>	A synthetic peptide corresponding to human DLG2.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	The antibody reacts with human DLG2, in native form and recombinant. Superfamily members of DLG2 are not reactive to this antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Flow Cytometry (1:100) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at 4°C for short term storage. 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

- Western Blot (Cell lysate)

Western blot analysis of SH-SY5Y cell lysate.

- Immunoprecipitation

- Flow Cytometry

## 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](#)