

## Product datasheet for **AP51271PU-N**

### **DLGAP4 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 104-133 amino acids from the N-terminal region of Human DLGAP4
Specificity:	This antibody recognizes Human DLGAP4 / SAPAP4 (N-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	DLG associated protein 4
Database Link:	<a href="#">Entrez Gene 22839 Human Q9Y2H0</a>



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**Background:**

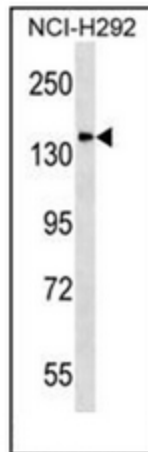
DLGAP4 is a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. It is a signaling molecule that can interact with potassium channels and receptors, as well as other signaling molecules. The protein encoded by this gene can interact with PSD-95 through its guanylate kinase domain and may be involved in clustering PSD-95 in the postsynaptic density region. The encoded protein is one of at least four similar proteins that have been found. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

DAP4, DAP-4, KIAA0964

**Note:**

**Molecular Weight:** 108012 Da

**Product images:**

Western blot analysis of DLGAP4 / SAPAP4 Antibody (N-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the DLGAP4 antibody detected the DLGAP4 protein (arrow).