

## Product datasheet for **TA306589**

### DLGAP4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SAPAP4 antibody was raised against a 13 amino acid peptide from near the center of human SAPAP4.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	DLG associated protein 4
Database Link:	<a href="#">NP_055717</a> <a href="#">Entrez Gene 22839 Human</a> <a href="#">Q9Y2H0</a>

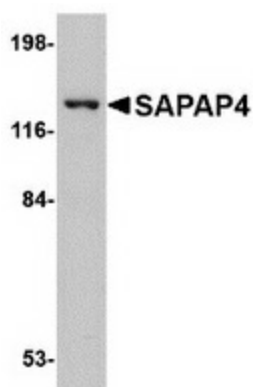
**Background:** SAP90/PSD-95-associated protein 4 (SAPAP4, also known as DLGAP4) is a member of a protein family whose members specifically interact with PSD-95/SAP90, a membrane-associated guanylate kinase localized at postsynaptic density (PSD) in neuronal cells. Like the other SAPAP proteins, SAPAP4 is thought to be an adaptor protein that also interacts with different synaptic scaffolding proteins, cytoskeletal and signaling components, such as focal adhesion kinase (FAK) and proline-rich tyrosine kinase 2 (PYK2). SAPAP4 mRNA is targeted to cell bodies in a similar manner to SAPAP1 and -2, whereas SAPAP3 mRNA is detected mainly in cell bodies. At least three isoforms of SAPAP2 are known to exist. This SAPAP4 antibody will not cross-react with other SAPAP proteins.



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Synonyms: DAP-4; DAP4; DLP4; SAPAP-4; SAPAP4

### Product images:



Western blot analysis of SAPAP4 in SK-N-SH cell lysate with SAPAP4 antibody at 1 ug/ml.