

Product datasheet for **TA326525**

Dlg2 Mouse Monoclonal Antibody [Clone ID: S18-30]

Product data:

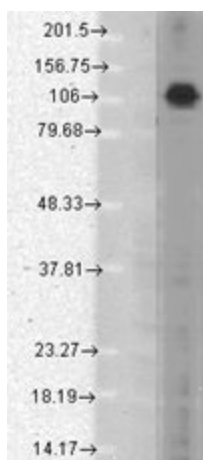
Product Type:	Primary Antibodies
Clone Name:	S18-30
Applications:	WB
Recommended Dilution:	WB: 1-10ug/ml, IHC: 0.1-1.0ug/ml, IF: 1.0-10ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-852 of rat Chapsyn-110
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	discs large homolog 2
Database Link:	NP_071618 Entrez Gene 1740 HumanEntrez Gene 23859 MouseEntrez Gene 64053 Rat Q63622
Background:	Chapsyn-110, is a part of the membrane-associated putative guanylate kinase (MAGUK) family. It binds directly to the NMDA receptor, and Shaker K+ channel subunits, and is 70-80% identical to PSD-95/SAP90 and SAP97 . It associated tightly with the postsynaptic density I brain, and mediates the clustering of both NMDA receptors and K+ channels in heterologous cells. The encoded protein forms a heterodimer with PSD-95 that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins .
Synonyms:	chapsyn-110; DKFZp781D1854; DKFZp781E0954; FLJ37266; MGC131811; OTTHUMP00000165971; PSD-93; PSD93



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Note: Detects ~110kDa. No cross-reactivity against other MAGUK family members, PSD95, SAP97, SAP102, expressed in transfected cells.

Product images:



Western blot analysis of Chapsyn-110 in rat brain membrane lysates using a 1:1000 dilution of the antibody