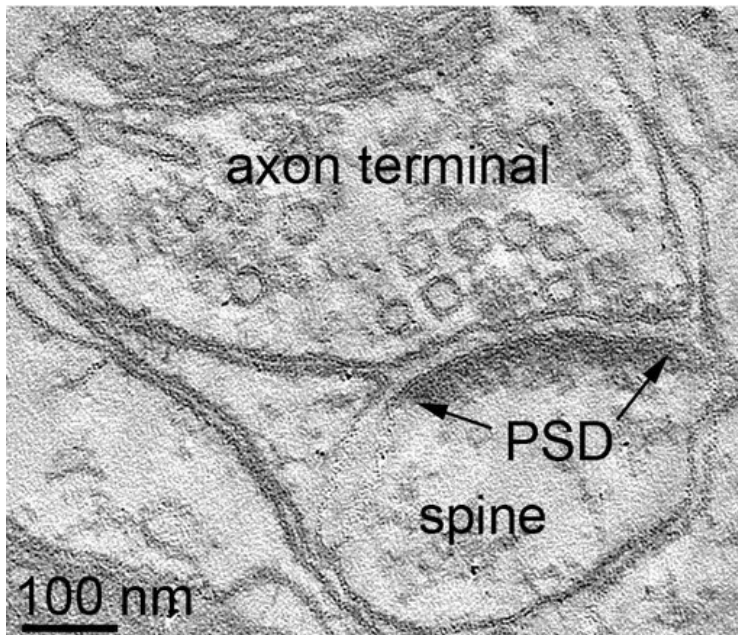


PSD

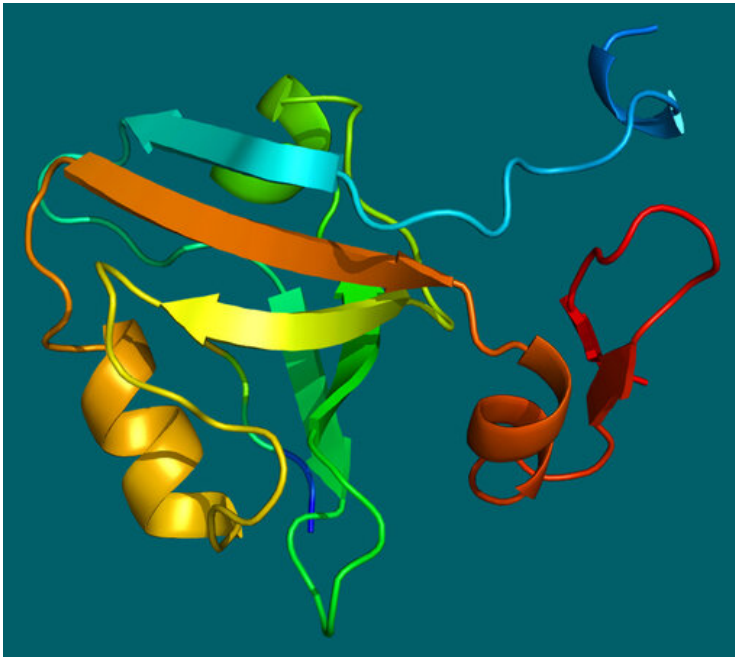
PSD (PSD) is a protein complex located in the postsynaptic density (PSD) of excitatory synapses. It is composed of several proteins, including PSD-95, SAP90, DLG4, and others. PSD is involved in the organization and function of the synapse, and its disruption can lead to neurological disorders. (Banker et al., 1974; Ziff, 1997; Dosemeci et al., 2016) (Meyer et al., 2014; Vyas and Montgomery, 2016)



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PSD95 (SAP90)

PSD95 (SAP90) is a protein that is a member of the SAP90 family. It is involved in the organization and function of the synapse, and its disruption can lead to neurological disorders. (Statthakis et al., 1997) (Woods and Bryant, 1993)



4 PSD95 3D PyMOL PDB 1be9

PSD95 PSD93 PSD (Hunt et al., 1996; Kennedy, 1997) (Dosemeci et al., 2016)

PSD95 (ICC) (IHC) IgG

The PSD95 FluoTag

PSD95 FluoTag N3702 (sdAb) NanoTag Biotechnologies 15 kDa FluoTag IgG 10% PFA PSD95 FluoTag (2) FluoTag PSD95 FluoTag (X2)

PSD95 sdAb - FluoTag-X2 -

Cat. No.	Product Description	Application	Quantity	Price	Cart
N3702-AF568-L	PSD95 sdAb, camelid, FluoTag-X2, AZdye 568	WB ICC IHC	200 µl	US\$540.00	
N3702-AF647-L	PSD95 sdAb, camelid, FluoTag-X2, Alexa 647	ICC IHC IHC-P (FFPE)	200 µl	US\$540.00	
N3702-At488-L	PSD95 sdAb, camelid, FluoTag-X2, ATTO 488	ICC IHC IHC-P (FFPE)	200 µl	US\$540.00	

Result count: 3

Synaptic Systems

- PSD
-
-
- PSD 93
- SAP 102
- SAP 97
- (HIC)

Banker et al. 1974: Proteins of the postsynaptic density. [PMID: 4419608](#)

Dosemeci et al. 2016: The Postsynaptic Density: There Is More than Meets the Eye. [PMID: 27594834](#)

Hunt et al. 1996: PSD-95 is associated with the postsynaptic density and not with the presynaptic membrane at forebrain synapses. [PMID: 8778289](#)

Kennedy 1997: The postsynaptic density at glutamatergic synapses. [PMID: 9185308](#)

Meyer et al. 2014: Balance and stability of synaptic structures during synaptic plasticity. [PMID: 24742464](#)

Statthakis et al. 1997: Human postsynaptic density-95 (PSD95): location of the gene (DLG4) and possible function in nonneural as well as in neural tissues. [PMID: 9286702](#)

Vyas and Montgomery 2016: The role of postsynaptic density in neural degeneration and regeneration. [PMID: 27482211](#)

Woods and Bryant 1993: ZO-1, DlgA and PSD-95/SAP90: homologous proteins in tight, septate and synaptic cell junctions. [PMID: 8155583](#)

Ziff 1997: Enlightening the postsynaptic density. [PMID: 9427241](#)