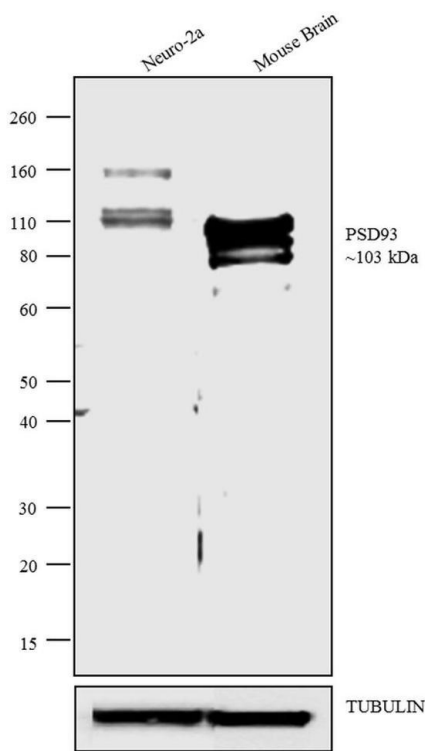


PSD93 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide derived from the mid region of PSD-93 protein.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533171

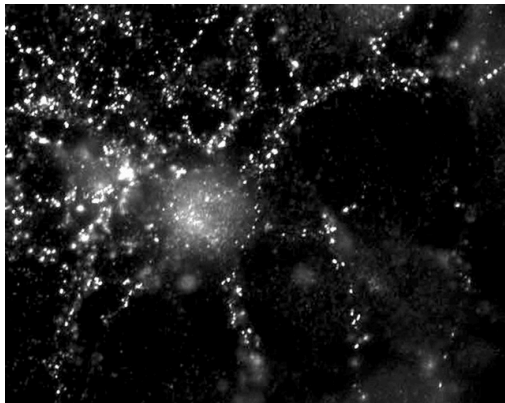
Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	1 Publication
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	-	2 Publications
Immunoprecipitation (IP)	Assay-dependent	-

Product Images For PSD93 Polyclonal Antibody



PSD93 Antibody (34-4700) in WB

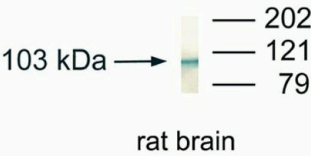
Western blot analysis was performed on whole cell extracts (30 µg lysate) of Neuro-2a (Lane 1) and tissue extract of Mouse Brain (Lane 2). The blot was probed with Anti-PSD93 Rabbit Polyclonal Antibody (Product # 34-4700, 2 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Superclonal Secondary Antibody, HRP conjugate (Product # A28177, 0.4 µg/mL, 1:2500 dilution). A 103 kDa band corresponding to PSD93 was observed across the cell line and tissue tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX), XCell SureLock Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



PSD93 Antibody (34-4700) in IHC

Immunofluorescent staining of pyramidal neurons in rat hippocampus using Rb anti-PSD-93 (Product # 34-4700).

Western Blot



Rabbit anti-PSD93

PSD93 Antibody (34-4700) in WB

Western blot analysis of rat brain homogenates using our Rb anti-PSD-93 (Product # 34-4700).

3 References

Western Blot (1)

<p>Molecular psychiatry</p> <p>Changes in NMDA receptor subunits and interacting PSD proteins in dorsolateral prefrontal and anterior cingulate cortex indicate abnormal regional expression in schizophrenia.</p> <p>"34-4700 was used in western blot to measure the expression of the NR1 subunit and the NR2A-D subunits in the dorsolateral prefrontal and anterior cingulate cortex in samples from schizophrenic patients and controls"</p> <p>Authors: Kristiansen LV,Beneyto M,Haroutunian V,Meador-Woodruff JH</p>	<p>Year 2006</p>
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Immunocytochemistry (2)

<p>Brain communications</p> <p>NOS1AP is a novel molecular target and critical factor in TDP-43 pathology.</p> <p>"Published figure using PSD93 polyclonal antibody (Product # 34-4700) in Immunocytochemistry"</p> <p>Authors: Cappelli S,Spalloni A,Feiguin F,Visani G,Šušnjar U,Brown AL,De Bardi M,Borsellino G,Secrier M,Phatnani H, Romano M,Fratta P,Longone P,Buratti E</p>	<p>Year 2023</p> <p>Dilution 1:200</p>
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<p>The Journal of neuroscience : the official journal of the Society for Neuroscience</p> <p>Essential contribution of the ligand-binding beta B/beta C loop of PDZ1 and PDZ2 in the regulation of postsynaptic clustering, scaffolding, and localization of postsynaptic density-95.</p> <p>Authors: Nonaka M,Doi T,Fujiyoshi Y,Takemoto-Kimura S,Bito H</p>	<p>Year 2006</p> <p>Species Rat</p> <p>Dilution 1:250</p>
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