

## Postsynaptic Antibody Sampler Kit

<b>Catalog# / Size</b>	899911 / 1 kit
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	Please refer to individual product datasheets.
<b>Description</b>	The Postsynaptic Antibody Sampler Kit offers flexibility for sampling and detection of major targets localized to the postsynaptic area. These antibodies are highly suitable for WB and IHC applications.

### Kit Contents

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Specificity	Format	Clone	Size	Reactivity	Isotype
<a href="#">Anti-Pan-Shank</a>	Purified	N23B/49	25 µg	Human, Mouse, Rat	Mouse IgG1, κ
<a href="#">Anti-MAGUK (pan reactive)</a>	Purified	K28/86	25 µl	Human, Mouse, Rat	Mouse IgG1
<a href="#">Anti-PSD95</a>	Purified	K28/74	25 µl	Human, Mouse, Rat	Mouse IgG1
<a href="#">Anti-PSD-93 (Chapsyn-110)</a>	Purified	N18/28	25 µl	Human, Mouse, Rat	Mouse IgG2a
<a href="#">Anti-SAP102</a>	Purified	N19/2	25 µl	Human, Mouse, Rat	Mouse IgG1

\* For detailed information about each specificity, please refer to the datasheets of the individual products.

### Product Details

<b>Formulation</b>	Please refer to individual product datasheets of the purified formats for details.
<b>Preparation</b>	All antibodies in this kit were purified by affinity chromatography.
<b>Storage &amp; Handling</b>	Upon receipt, store undiluted at 2-8°C.
<b>Application</b>	<a href="#">WB, IHC-P - Quality tested</a>
<b>Recommended Usage</b>	<p>Each lot of antibodies in this kit is quality control tested by Western blotting. For Western blotting, the suggested uses of these reagents are as follows:</p> <p>Anti-Pan-Shank: 1.0 - 5.0 µg/ml            Anti-PSD95: 0.1 - 5.0 µg/ml            Anti-PSD-93 (Chapsyn-110): 1.0 µg/ml            Anti-SAP102: 10 µg/ml</p> <p>For immunohistochemistry on formalin-fixed paraffin-embedded tissue, the suggested use of this reagent is as follows:</p> <p>Anti-MAGUK (pan reactive): 0.5 - 1.0 µg/ml</p>

It is recommended that the reagent be titrated for optimal performance for each application.

## Application Notes

For verified or reported applications for these antibodies, please see individual product datasheets.

## Antigen Details

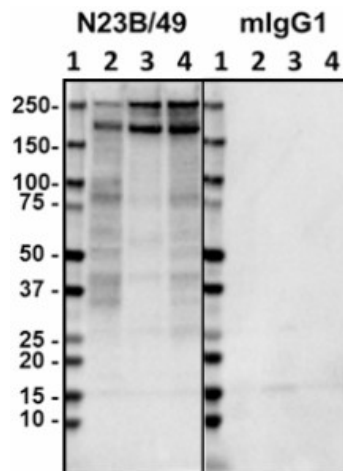
<b>Biology Area</b>	Cell Biology, Neuroscience, Synaptic Biology
<b>Molecular Family</b>	Postsynaptic proteins
<b>Gene ID</b>	<a href="#">1742</a> <a href="#">64053</a> <a href="#">58948</a> <a href="#">50944</a> <a href="#">22941</a> <a href="#">85358</a>

## Related Protocols

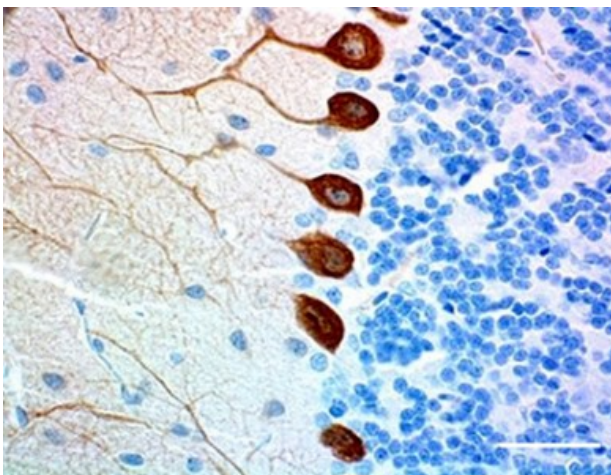
[Western Blotting Protocol](#)

[Immunohistochemistry Protocol for Paraffin-Embedded Sections](#)

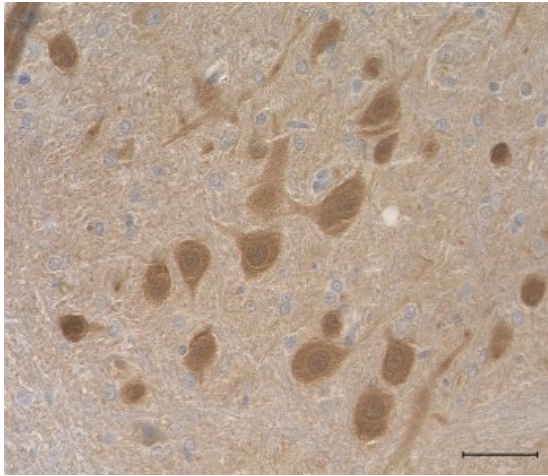
## Product Data



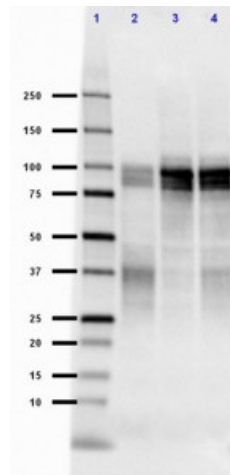
Western blot of purified anti-Pan-Shank antibody (clone N23B/49). Lane 1: Molecular weight marker; Lane 2: 20  $\mu$ g of human brain lysate; Lane 3: 20  $\mu$ g of mouse brain lysate; Lane 4: 20  $\mu$ g of rat brain lysate. The blots were incubated with 5  $\mu$ g/mL of N23B/49 or mouse IgG1,  $\kappa$  overnight at 4°C, followed by incubation with HRP-labeled goat anti-mouse IgG (Cat. No. 405306). Enhanced chemiluminescence was used as the detection system.



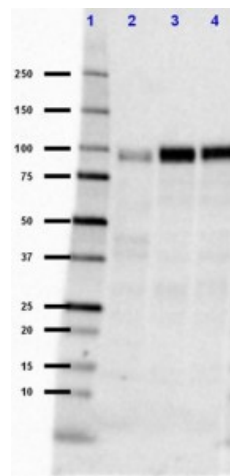
IHC staining of purified anti-Pan-Shank antibody (clone N23B/49) on formalin-fixed paraffin-embedded rat cerebellum tissue. Following antigen retrieval using Sodium Citrate H.I.E.R (Cat. No. 928602), the tissue was incubated with 5  $\mu$ g/ml of the primary antibody overnight at 4°C. BioLegend's Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB, Cat. No. 929901) was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50  $\mu$ m



IHC staining of purified anti-MAGUK (pan reactive) antibody (clone K28/86) on formalin-fixed paraffin-embedded rat brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R. (Cat. No. 928602), the tissue was incubated with 1 µg/ml of the primary antibody overnight at 4°C. BioLegend's Ultra-Streptavidin HRP kit (Cat. No. 929901) was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 µm



Western blot of purified anti-PSD-93 (Chapsyn-110) antibody (clone N18/28). Lane 1: Molecular weight marker; Lane 2: 20 µg of human brain membrane lysate; Lane 3: 20 µg of mouse brain membrane lysate; Lane 4: 20 µg of rat brain membrane lysate. The blot was incubated with 1 µg/mL of the primary antibodies overnight at 4°C, followed by incubation with HRP labeled goat anti-mouse IgG (Cat. No. 405301). Enhanced chemiluminescence was used as the detection system.



Western blot of purified anti-SAP102 antibody (clone N19/2). Lane 1: Molecular weight marker; Lane 2: 20 µg of human brain membrane lysate; Lane 3: 20 µg of mouse brain membrane lysate; Lane 4: 20 µg of rat brain membrane lysate. The blot was incubated with 10 µg/mL of the primary antibodies overnight at 4°C, followed by incubation with HRP labeled goat anti-mouse IgG (Cat. No. 405301). Enhanced chemiluminescence was used as the detection system.

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BioLegend Inc., 8999 BioLegend Way, San Diego, CA 92121 [www.biolegend.com](http://www.biolegend.com)  
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587