Postsynaptic Antibody Sampler Kit

Catalog# / Size	899911 / 1 kit
Regulatory Status	RUO
Other Names	Please refer to individual product datasheets.
Description	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
Anti-Pan-Shank	Purified	N23B/49	25 µg	Human, Mouse, Rat	Mouse IgG1, κ
Anti-MAGUK (pan reactive)	Purified	K28/86	25 µl	Human, Mouse, Rat	Mouse IgG1
Anti-PSD95	Purified	K28/74	25 µl	Human, Mouse, Rat	Mouse IgG1
Anti-PSD-93 (Chapsyn-110)	Purified	N18/28	25 µl	Human, Mouse, Rat	Mouse IgG2a
Anti-SAP102	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

Formulation	Please refer to individual product datasheets of the purified formats for details.
Preparation	All antibodies in this kit were purified by affinity chromatography.
Storage & Handling	Upon receipt, store undiluted at 2-8°C.
Application	WB, IHC-P - *Quality tested*
Recommended Usage	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: 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 For immunohistochemistry on formalin-fixed paraffin-embedded tissue, the suggested use of this reagent is as follows: Anti-MAGUK (pan reactive): 0.5 - 1.0 µg/ml

	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

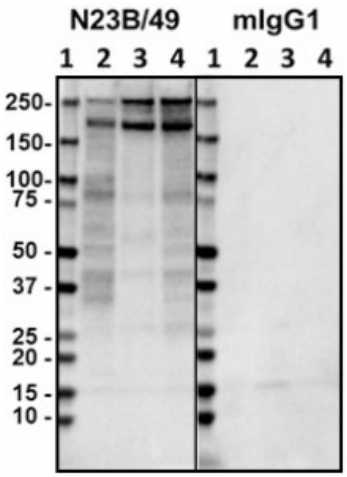
Biology Area	Cell Biology, Neuroscience, Synaptic Biology
Molecular Family	Postsynaptic proteins
Gene ID	1742 64053 58948 50944 22941 85358

Related Protocols

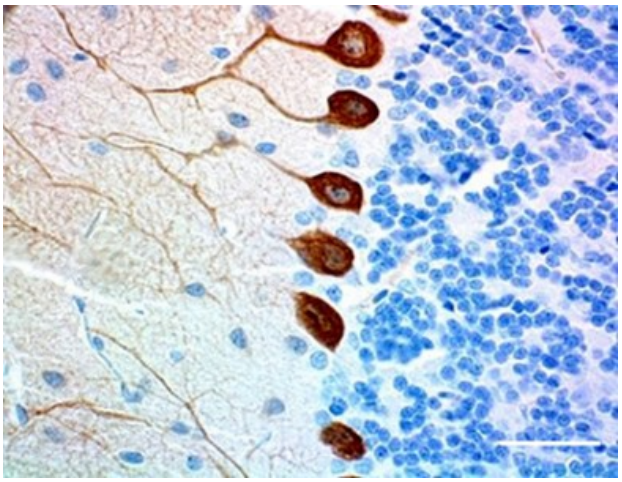
Western Blotting Protocol

Immunohistochemistry Protocol for Paraffin-Embedded Sections

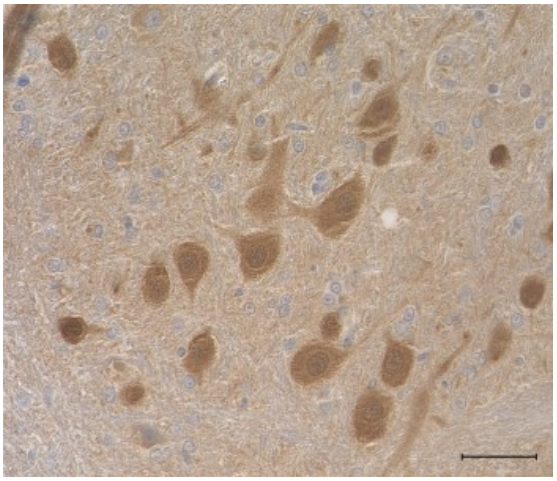
Product Data



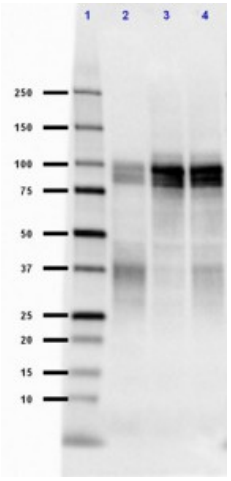
Western blot of purified anti-Pan-Shank antibody (clone N23B/49). Lane 1: Molecular weight marker; Lane 2: 20 µg of human brain lysate; Lane 3: 20 µg of mouse brain lysate; Lane 4: 20 µg of rat brain lysate. The blots were incubated with 5 µg/mL of N23B/49 or mouse IgG1, κ overnight at 4°C, followed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



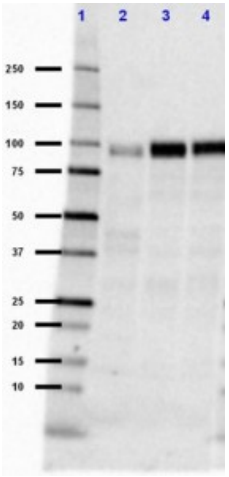
IHC staining of purified anti-Pan-Shank antibody (clone N23B/49) on formalin-fixed paraffin-embedded rat cerebellum tissue. Following antigen retrieval using Sodium Citrate H.I.E.R (Cat. No. 928602), the tissue was incubated with 5 µg/ml of the primary antibody overnight at 4°C. BioLegend's Ultra Streptavidin (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 µm



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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