



SHANK1, SH3 and multiple ankyrin repeat domains 1 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-10179
Animal ID	RC40104
Host	Rabbit
Reactivity	Rat
Format	Purified
Accession number	NM_031751
Amount	100µg

Alternative Name(s): SSTRIP, SPANK-1, synamon, somatostatin receptor-interacting protein

The SH3 and multiple ankyrin repeat domains 1 (SHANK1) protein has a PDZ domain and is a cytoskeletal anchoring proteins. It interacts with the somatostatin receptor.

Buffers

Purified chicken polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

KLH conjugated synthetic peptide comprised of amino acids 1951 - 1964 [SGPIYPGLFDIRSS] of the rat SH3 and multiple ankyrin repeat domains 1 (Shank1) protein.

Application:

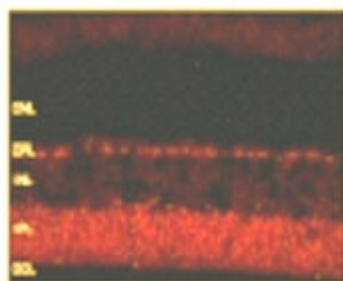
Tested by peptide-specific ELISA (1:1,000), WB (1:1,000), IHC (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Zitzer H, Honck HH, Bachner D, Richter D, Kreienkamp HJ: Somatostatin receptor interacting protein defines a novel family of multidomain proteins present in human and rodent brain. *J. Biol. Chem.* 274(46): 32997-33001 (1999).



PAB-10180 staining of retinal tissue of C57B6 mouse with Alexa 568 as secondary Ab.