

SHANK3 (Center) Control Peptide

Catalog No.: AP55426CP-N

Quantity: 50 µg

Concentration: 0.2 mg/ml

NCBI: [NP_001073889](#)

Format: **State:** Liquid peptide

Buffer System: PBS pH 7.2 (10 mM NaH₂PO₄, 10 mM Na₂HPO₄, 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide

Applications: The peptide is used for blocking the activity of SHANK3 antibody (Cat.-No. AP55426PU-N). It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Control peptide for AP55426PU-N. Peptide containing 19 amino acid peptide near the center of human SHANK3.

Species: Human

Other species not tested.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Sheng M and Kim E. The Shank family of scaffold proteins. J. Cell Sci. 2000; 113:1851-6.

Pictures: Western blot analysis in 3T3 cell lysate with SHANK3 antibody Cat.-No. AP55426PU-N at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

