10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SPRN Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4754b

Specification

SPRN Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q5BIV9
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**76-105**

SPRN Antibody (C-term) - Additional Information

Gene ID 503542

Other Names
Shadow of prion protein, Protein shadoo, SPRN, SHO

Target/Specificity
This SPRN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-105 amino acids from the C-terminal region of human SPRN.

Dilution
WB~~1:1000
IHC-P~~1:50~100

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SPRN Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPRN Antibody (C-term) - Protein Information

Name SPRN

Synonyms SHO

Function Prion-like protein that has PrP(C)-like neuroprotective activity. May act as a modulator

for the biological actions of normal and abnormal PrP (By similarity).

Cellular Location
Cell membrane; Lipid-anchor, GPI- anchor

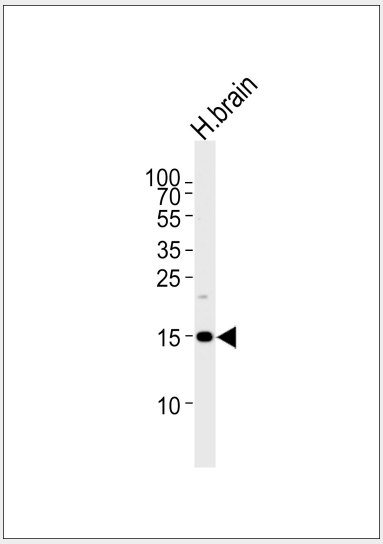
Tissue Location
Mainly expressed in brain. In brain, it is expressed in hippocampus.

SPRN Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

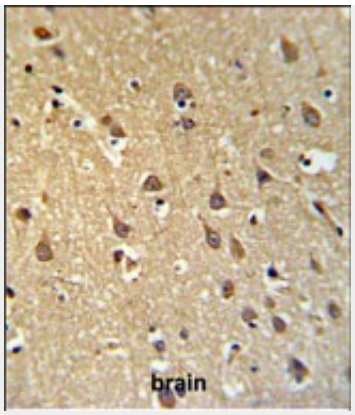
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SPRN Antibody (C-term) - Images



Western blot analysis of lysate from human brain tissue lysate, using SPRN Antibody (C-term)(Cat. #AP4754b). AP4754b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

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SPRN Antibody (C-term) (Cat. #AP4754b) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SPRN Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

SPRN Antibody (C-term) - Background

SPRN has PrP(C)-like neuroprotective activity. SPRN may act as a modulator for the biological actions of normal and abnormal PrP.

SPRN Antibody (C-term) - References

Beck, J.A., et al. J. Med. Genet. 45(12):813-817(2008)
Van den Brulle, J., et al. BioTechniques 45(3):340-343(2008)
Premzl, M., et al. Mol. Biol. Evol. 21(12):2210-2231(2004)

SPRN Antibody (C-term) - Citations

- The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation
- The prion protein family member Shadoo induces spontaneous ionic currents in cultured cells.
- Expression of the prion protein family member Shadoo causes drug hypersensitivity that is diminished by the coexpression of the wild type prion protein.