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

SPOCK3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17831a

Specification

SPOCK3 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BQ16
Other Accession	Q8BKV0, NP_001035249.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**49429**
Antigen Region	**36-63**

SPOCK3 Antibody (N-term) - Additional Information

Gene ID 50859

Other Names
Testican-3, SPARC/osteonectin, CWCV, and Kazal-like domains proteoglycan 3, SPOCK3, TICN3

Target/Specificity
This SPOCK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-63 amino acids from the N-terminal region of human SPOCK3.

Dilution
WB~~1:1000

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
SPOCK3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPOCK3 Antibody (N-term) - Protein Information

Name SPOCK3

Synonyms TICN3

Function May participate in diverse steps of neurogenesis. Inhibits the processing of pro-matrix metalloproteinase 2 (MMP-2) by MT1-MMP and MT3-MMP. May interfere with tumor invasion.

Cellular Location
Secreted, extracellular space, extracellular matrix

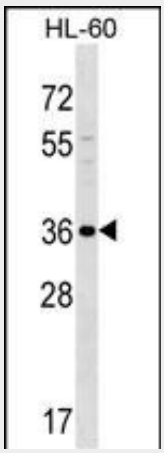
Tissue Location
Expressed in brain.

SPOCK3 Antibody (N-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

SPOCK3 Antibody (N-term) - Images



SPOCK3 Antibody (N-term) (Cat. #AP17831a) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the SPOCK3 antibody detected the SPOCK3 protein (arrow).

SPOCK3 Antibody (N-term) - Background

Proteoglycans, which consist of a core protein and covalently linked glycosaminoglycans, are components of the extracellular matrix. SPOCK3 encodes a member of a novel Ca(2+)-binding proteoglycan family.

SPOCK3 Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Kamioka, M., et al. Leuk. Res. 33(7):913-918(2009)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

Nakada, M., et al. Cancer Res. 61(24):8896-8902(2001)