

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

E~~Use at an assay dependent concentration.

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

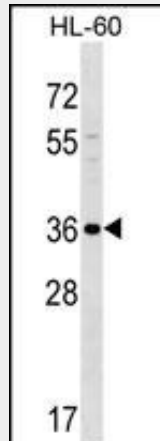
Tissue Location

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 Cytometry](#)
- [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)