

## Rabbit Anti-SPOCK3/AP Conjugated antibody

SL17683R-AP

<b>Product Name</b>	Anti-SPOCK3/AP
<b>Chinese Name</b>	碱性磷酸酶（AP）标记的富含半胱氨酸酸性分泌/骨粘连蛋白多糖抗体
<b>Alias</b>	HSAJ1454; OTTHUMP00000219853; OTTHUMP00000219854; OTTHUMP00000219857; OTTHUMP00000219858; OTTHUMP00000219862; OTTHUMP00000219864; OTTHUMP00000219865; OTTHUMP00000219866; OTTHUMP00000219867; OTTHUMP00000219868; Sparc/osteonectin, cwcv and kazal like domains proteoglycan (testican) 3; SPARC/osteonectin, CWCV, and Kazal like domains proteoglycan 3; TES 3; testican 3; TICN3
<b>Research Area</b>	Tumour Cell biology Neurobiology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human(predicted:Mouse,Rat,Dog) WB=1:500-2000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	49kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human SPOCK3
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> This gene encodes a member of a novel family of calcium-binding proteoglycan proteins that contain thyroglobulin type-1 and Kazal-like

domains. The encoded protein and may play a role in adult T-cell leukemia by inhibiting the activity of membrane-type matrix metalloproteinases.

Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]

**Function:**

SPOCK3 may participate in diverse steps of neurogenesis. It inhibits the processing of pro-matrix metalloproteinase 2 (MMP-2) by MT1-MMP and MT3-MMP and may also interfere with tumor invasion.

**Subcellular Location:**

Secreted, extracellular space, extracellular matrix.

**Similarity:**

Contains 1 Kazal-like domain. Contains 1 thyroglobulin type-1 domain.

**Database links:**

[Entrez Gene: 50859](#) Human

[Entrez Gene: 72902](#) Mouse

[Entrez Gene: 306404](#) Rat

[Omim: 607989](#) Human

[SwissProt: Q9BQ16](#) Human

[SwissProt: Q8BKV0](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.