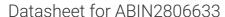
# antibodies -online.com







## anti-SPOCK1 antibody (Alexa Fluor 594)



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Quantity:	100 μL	
Target:	SPOCK1	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SPOCK1 antibody is conjugated to Alexa Fluor 594	
Application:	Western Blotting (WB)	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human SPOCK1/Testican 1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

#### **Target Details**

Target:	SPOCK1	
Alternative Name:	SPOCK1/ Testican 1 (SPOCK1 Products)	
Background:	Synonyms: Sparc/osteonectin, cwcv and kazal like domains proteoglycan 1, SPOCK, Testican 1,	
	Testican1, Testican-1, TIC1, TICN1, TICN1, HUMAN,	

Background: The Testican family, also designated the BM-40/SPARC/osteonectin family, is composed of highly conserved, extracellular, calcium-binding, sulfate proteoglycans. Expression of Testicans is detected in a variety of tissues, but is most abundant in brain. Family members include Testican-1, Testican-2, Testican-3 and an amino-terminal splice variant of Testican-3, designated N-Tes. Most Testicans inhibit MT-MMPs, thereby inhibiting the activity of pro-MMP-2. Testican-1 is specifically expressed in the thalamus of the brain, and is upregulated in activated astroglial cells of the cerebrum where it mediates neuronal attachment and matrix metalloproteinase activation. After a neural injury, such as a cerebral stroke, Testican-1 expression is upregulated in astrocyte cells in order to inhibit the ability of the protein Neuro-2a to form neurite extensions. Testican-1 is also a component of joint and of the growth plate cartilage that may participate in the regulation of matrix turnover.

### **Application Details**

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months