

Datasheet for ABIN2782068  
**anti-SPOCK3 antibody (Middle Region)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µL
Target:	SPOCK3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPOCK3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SPOCK3
Sequence:	CPCPSDKPTS TSRNVKRACS DLEFREVANR LRDWFKALHE SGSQNKKTKT
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SPOCK3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SPOCK3
Alternative Name:	SPOCK3 ( <a href="#">SPOCK3 Products</a> )

## Target Details

Background:	<p>Proteoglycans, which consist of a core protein and covalently linked glycosaminoglycans, are components of the extracellular matrix. SPOCK3 is a member of a novel Ca(2+)-binding proteoglycan family.</p> <p>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.[supplied by OMIM].</p> <p>Alias Symbols: HSAJ1454, TES-3, TICN3</p> <p>Protein Interaction Partner: SPOCK2, MMP14, MMP3,</p> <p>Protein Size: 433</p>
Molecular Weight:	49 kDa
Gene ID:	50859
NCBI Accession:	<a href="#">NM_001040159</a> , <a href="#">NP_001035249</a>
UniProt:	<a href="#">B3KR67</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 433 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Crawford, Qian, Ziogas, Papageorge, Boersma, Walker, Lukes, Rowe, Zhang, Ambs, Lowy, Anton-Culver, Hunter: "Rrp1b, a new candidate susceptibility gene for breast cancer progression and metastasis." in: **PLoS genetics**, Vol. 3, Issue 11, pp. e214, (2007) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-SPOCK3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Placenta