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anti-SPOCK3 antibody (Middle Region)

1 Image



Publication



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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 (SPOCK3 Products)

Target Details

Background:	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 familyProteoglycans, 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].
	Alias Symbols: HSAJ1454, TES-3, TICN3
	Protein Interaction Partner: SPOCK2, MMP14, MMP3,
	Protein Size: 433
Molecular Weight:	49 kDa
Gene ID:	50859
NCBI Accession:	NM_001040159, NP_001035249
UniProt:	B3KR67
Pathways:	Glycosaminoglycan Metabolic Process
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

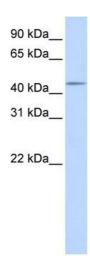
aliquots to prevent freeze-thaw cycles.

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