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anti-SPOCK3 antibody (Middle Region)

2 Images



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Overview

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

Product Details

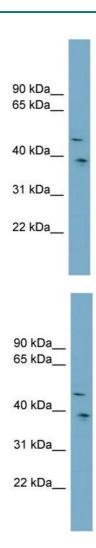
| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human SPOCK3 |
|-----------------------|--|
| Sequence: | VDRYGNEVMG SRINGVADCA IDFEISGDFA SGDFHEWTDD EDDEDDIMND |
| Predicted Reactivity: | Dog: 100%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, 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 family. |
| | 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 |
| 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. |



Western Blotting

Image 1. WB Suggested Anti-SPOCK3 Antibody Titration: 0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate SPOCK3 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells

Western Blotting

Image 2. WB Suggested Anti-SPOCK3

Antibody Titration: 0.2-1 µg/mL

Positive Control: OVCAR-3 cell lysate

SPOCK3 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells