

Datasheet for ABIN7466128
anti-SMOC2 antibody (C-Term)



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Overview

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|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | SMOC2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SMOC2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | Recombinant protein encompassing a sequence within the C-terminus region of human SMOC2. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

| | |
|-------------------|----------------------------------------------------------------------------------------|
| Target: | SMOC2 |
| Alternative Name: | SPARC related modular calcium binding 2 (SMOC2 Products) |
| Background: | SPARC related modular calcium binding 2 , DTDP1 , MST117 , MSTP117 , MSTP140 , SMAP2 , |

Target Details

bA270C4A.1 , bA37D8.1 , dJ421D16.1, This gene encodes a member of the SPARC family (secreted protein acidic and rich in cysteine/osteonectin/BM-40), which are highly expressed during embryogenesis and wound healing. The gene product is a matricellular protein which promotes matrix assembly and can stimulate endothelial cell proliferation and migration, as well as angiogenic activity. Associated with pulmonary function, this secretory gene product contains a Kazal domain, two thymoglobulin type-1 domains, and two EF-hand calcium-binding domains. The encoded protein may serve as a target for controlling angiogenesis in tumor growth and myocardial ischemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Molecular Weight: 50 kDa

Gene ID: 64094

UniProt: [Q9H3U7](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.72 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.