# abcam

### Product datasheet

## Native Cow SPARC protein ab81753

製品の詳細

製品名 Native Cow SPARC protein

精製度 > 95 % SDS-PAGE.

**発現系** Native

タンパク質長 Full length protein

Animal free No

由来 Native

**生物種** Cow

#### 特性

Our Abpromise guarantee covers the use of ab81753 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE

製品の状態 Liquid

#### 前処理および保存

保存方法および安定性 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.40

Constituents: 0.242% Tris, 0.87% Sodium chloride

#### 関連情報

機能 Appears to regulate cell growth through interactions with the extracellular matrix and cytokines.

Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 8 Ca(2+) with

a low affinity and an EF-hand loop that binds a Ca(2+) ion with a high affinity.

**配列類似性** Belongs to the SPARC family.

Contains 1 EF-hand domain.
Contains 1 follistatin-like domain.
Contains 1 Kazal-like domain.

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#### 発生段階

#### 細胞内局在

Expressed at high levels in tissues undergoing morphogenesis, remodeling and wound repair.

Secreted > extracellular space > extracellular matrix > basement membrane. In or around the basement membrane.

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