abcam

Product datasheet

Recombinant Human FANCB protein ab116811

画像数 1

製品の概要

製品名	Recombinant Human FANCB protein
タンパク質長	Protein fragment

製品の詳細

由来	Recombinant
由来	Wheat germ
アミノ酸配列	
アクセッション番号	Q8NB91
生物種	Human
配列	GSENFLIDNMAFTLEKELVTLSSLSSAIAKHESNFMQRCEVSKGKSSVVA AALSDRRENIHPYRKELQREKKKMLQTNLKVSGALYREITLKVAEVQLKS DFAAQKLSN
分子量	38 kDa including tags
領域	750 to 858

特性

Our Abpromise guarantee covers the use of **ab116811** 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	Western blot ELISA SDS-PAGE
製品の状態	Liquid
備考	Protein concentration is above or equal to 0.05 mg/ml. This protein is best used within three months from the date of receipt.

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 -80ºC. Avoid freeze / thaw cycles.

pH: 8.00
Constituents: 0.79% Tris HCl, 0.3% Glutathione

関連情報

機能

DNA repair protein required for FANCD2 ubiquitination.

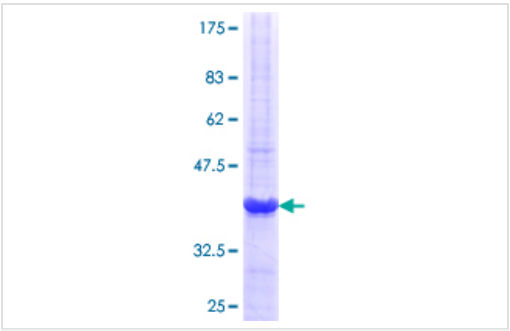
関連疾患

Defects in FANCB are the cause of Fanconi anemia complementation group B (FANCB) [MIM:300514]. It is a disorder affecting all bone marrow elements and resulting in anemia, leukopenia and thrombopenia. It is associated with cardiac, renal and limb malformations, dermal pigmentary changes, and a predisposition to the development of malignancies. At the cellular level it is associated with hypersensitivity to DNA-damaging agents, chromosomal instability (increased chromosome breakage) and defective DNA repair.
Defects in FANCB are the cause of X-linked VACTERL-H (XVACTERL-H) [MIM:314390]; also known as X-linked VACTERL association with hydrocephalus syndrome. VACTERL is an acronym for vertebral anomalies, anal atresia, cardiac malformations, tracheoesophageal fistula, renal anomalies (urethral atresia with hydronephrosis), and limb anomalies (hexadactyly, humeral hypoplasia, radial aplasia, and proximally placed thumb). Some cases of VACTERL-H are associated with increased chromosome breakage and rearrangement.

細胞内局在

Nucleus.

画像



SDS-PAGE - FANCB protein (ab116811)

12.5% SDS-PAGE showing ab116811 at approximately 37.62kDa.
Stained with Coomassie Blue.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

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