

Recombinant Human Survivin protein ab87202

3 References 画像数 2

製品の詳細

製品名	Recombinant Human Survivin protein
精製度	> 90 % SDS-PAGE. ab87202 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>O15392</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGAPTLPPAWQPFLKDHRISTFKNWPFLEGCACTPERMAEAG FIHCPTEN EPDLAQCFFCFKELEGWEPDDDPIDEEHKKHSSGCAFLSVKKQ FEELTLGE FLKLDREERAKNKIAKETNNKKKEFEETAKKVRRRAIEQLAAMD
予測される分子量	33 kDa
領域	1 to 142
配列の追加情報	Calmodulin tag in the N-terminal

特性

Our **Abpromise guarantee** covers the use of **ab87202** 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 Sandwich ELISA
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 at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.242% Tris, 0.58% Sodium chloride
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関連情報

機能

Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. May play a role in neoplasia. May counteract a default induction of apoptosis in G2/M phase. Inhibitor of caspase-3 and caspase-7. Isoform 2 and isoform 3 do not appear to play vital roles in mitosis. Isoform 3 shows a marked reduction in its anti-apoptotic effects when compared with the displayed wild-type isoform.

組織特異性

Expressed only in fetal kidney and liver, and to lesser extent, lung and brain. Abundantly expressed in adenocarcinoma (lung, pancreas, colon, breast, and prostate) and in high-grade lymphomas. Also expressed in various renal cell carcinoma cell lines.

配列類似性

Belongs to the IAP family.
Contains 1 BIR repeat.

発生段階

Expression is cell cycle-dependent and peaks at mitosis.

ドメイン

The BIR repeat is necessary and sufficient for HBXIP binding.

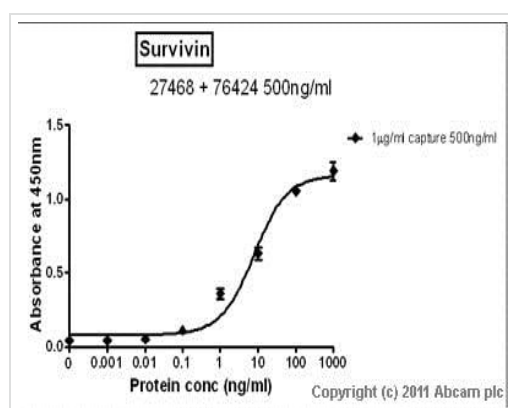
翻訳後修飾

Ubiquitination is required for centrosomal targeting.
In vitro phosphorylation at Thr-117 by AURKB/STK12 prevents interaction with INCENP and localization to mitotic chromosomes.

細胞内局在

Cytoplasm. Nucleus. Chromosome. Chromosome > centromere. Cytoplasm > cytoskeleton > spindle. Localizes on chromosome arms and inner centromeres from prophase through metaphase and then transferring to the spindle midzone and midbody from anaphase through cytokinesis. Colocalizes with AURKB at mitotic chromosomes.

画像



Standard curve for Survivin (Analyte: ab87202); dilution range 1pg/ml to 1µg/ml using Capture Antibody [ab27468](#) at 1µg/ml and Detector Antibody Rabbit monoclonal [EP2880Y] to Survivin ([ab76424](#)) at 0.5µg/ml. Concentration of Rabbit monoclonal [EP2880Y] to Survivin ([ab76424](#)) may vary from lot to lot; please use this curve as guideline.

Sandwich ELISA - Recombinant Human Survivin protein (ab87202)



15% SDS-PAGE showing ab87202 at approximately 33kDa (3μg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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