




### Anti-iASPP antibody ab34898

★★★★★ [8 Abreviews](#) [16 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-iASPP antibody
製品の詳細	Rabbit polyclonal to iASPP
由来種	Rabbit
特異性	Expect reactivity against both isoform 1 and isoform 2.
アプリケーション	<b>適用あり:</b> IHC-P, WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Cow 
免疫原	Synthetic peptide: R EGESVTVLRR DGPEETD , corresponding to amino acids 780-797 of Human iASPP (Isoform 1).  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab34898の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (5)	1/1000 - 1/5000. Detects a band of approximately 102 kDa (predicted molecular weight: 90 kDa).

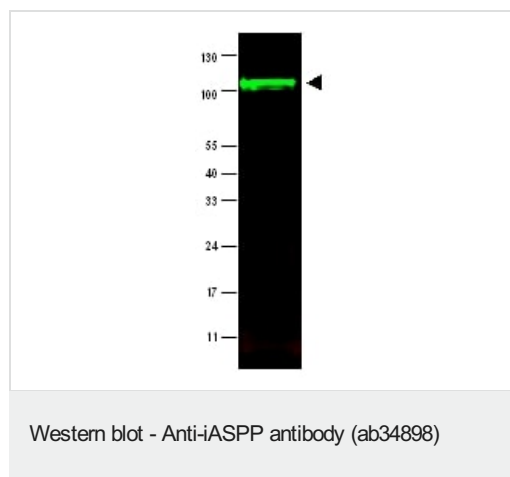
## ターゲット情報

**関連性**

ASPP proteins (ASPP1, ASPP2 and iASPP) represent a new family of p53 binding proteins. ASPP1 and ASPP2 bind and enhance p53-mediated apoptosis. In contrast, the third member, iASPP, functionally inactivates p53. iASPP (also called protein phosphatase 1 regulatory (inhibitor) subunit 13 like protein, Inhibitor of ASPP protein, Protein iASPP, PPP1R13B-like protein and NFκB-interacting protein 1) plays a central role in regulation of apoptosis and transcription via its interaction with NF-kappa-B and p53/TP53 proteins. iASPP blocks transcription of HIV-1 virus by inhibiting the action of both NF-kappa-B and SP1. This protein also inhibits p53/TP53 function, possibly by preventing the association between p53/TP53 and ASPP1 or ASPP2, and therefore suppressing the subsequent activation of apoptosis. iASPP is predominantly a cytoplasmic protein (isoform 1) but can also be found in the nucleus (isoform 2). iASPP is highly expressed in heart, placenta and prostate and is weakly expressed in brain, liver, skeletal muscle, testis and peripheral blood leukocyte. The N-terminal region of isoform 1 is required for cytoplasmic localization. Defects in iASPP may be a cause of certain breast cancers and the protein is overexpressed in many patients suffering from breast carcinomas and expressing a wild-type p53/TP53 protein.

**細胞内局在**      Nuclear

## 画像



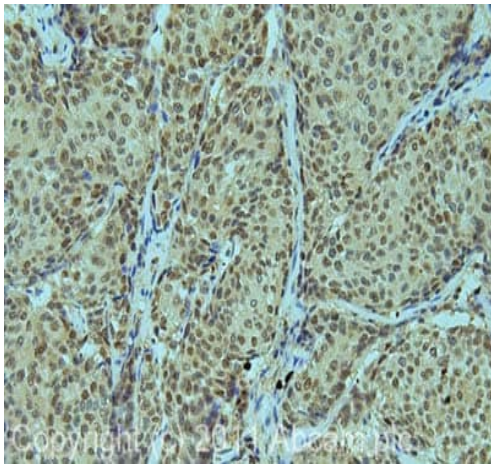
Anti-iASPP antibody (ab34898) at 1/1500 dilution (at 4°C, o/n) +  
35ug of MCF7 whole cell lysate

### Secondary

IRDye™800 conjugated anti-Rabbit IgG diluted 1:10000, for 45 min  
at RT

**Predicted band size:** 90 kDa

**Observed band size:** 102 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-iASPP antibody (ab34898)

IHC image of ab34898 staining in human breast carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab34898, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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