

### Anti-Synphilin 1 antibody ab6179

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#### 製品の概要

製品名	Anti-Synphilin 1 antibody
製品の詳細	Rabbit polyclonal to Synphilin 1
由来種	Rabbit
特異性	Immunohistochemical analysis of human brain indicates a high level of specificity for this antiserum. Cross reactivity: This antibody is known to react with rat and human. Cross reactivity with other species has not been tested yet.
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Rat
免疫原	Synthetic peptide: CASKGKNKAA conjugated to KLH by a Glutaraldehyde linker, corresponding to amino acids 911-919 of Human Synphilin 1. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
特記事項	This antibody stains Lewy bodies in Dorsal raphe nucleus of Parkinson's diseased human brain.  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.  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&As

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7
精製度	Whole antiserum
ポリ/モノ	ポリクローナル

## アプリケーション

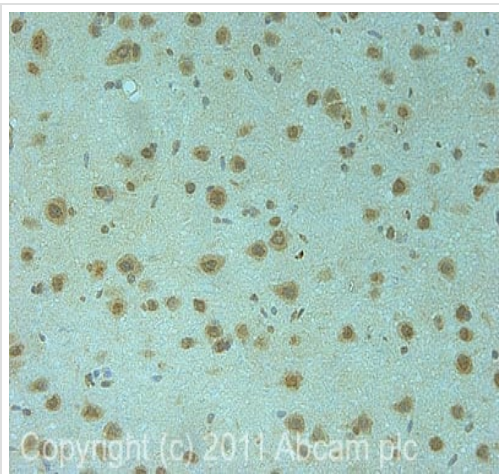
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab6179の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.

## ターゲット情報

<b>機能</b>	Isoform 2 inhibits the ubiquitin ligase activity of SIAH1 and inhibits proteasomal degradation of target proteins. Isoform 2 inhibits autoubiquitination and proteasomal degradation of SIAH1, and thereby increases cellular levels of SIAH. Isoform 2 modulates SNCA monoubiquitination by SIAH1.
<b>組織特異性</b>	Detected in brain (at protein level). Widely expressed, with highest levels in brain, heart and placenta.
<b>関連疾患</b>	Parkinson disease
<b>配列類似性</b>	Contains 6 ANK repeats.
<b>翻訳後修飾</b>	Ubiquitinated; mediated by SIAH1, SIAH2 or RNF19A and leading to its subsequent proteasomal degradation. In the absence of proteasomal degradation, ubiquitinated SNCAIP accumulates in cytoplasmic inclusion bodies. Isoform 2 is subject to limited ubiquitination that does not lead to proteasomal degradation.
<b>細胞内局在</b>	Cytoplasm. Detected in cytoplasmic inclusion bodies, together with SNCA.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Synphilin 1 antibody (ab6179)

IHC image of ab6179 staining in rat normal brain 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 ab6179, 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.

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

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