

## Product datasheet

# Anti-Elongin A antibody ab231586

[5 Images](#)

### Overview

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<b>Product name</b>	Anti-Elongin A antibody
<b>Description</b>	Rabbit polyclonal to Elongin A
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment (His-T7-tag) corresponding to Mouse Elongin A aa 50-350. (Expressed in E.coli) Database link: <a href="#">Q8CB77</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

**Positive control** IHC-P: Mouse liver, spleen and vas deferens tissues. WB: Mouse liver and brain lysates; HeLa cell lysate; Recombinant mouse Elongin A protein.

**General notes** 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

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231586 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231586 in the following tested applications.

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

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 87 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

## Target

### Function

SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).

### Sequence similarities

Contains 1 F-box domain.

Contains 1 TFIIIS N-terminal domain.

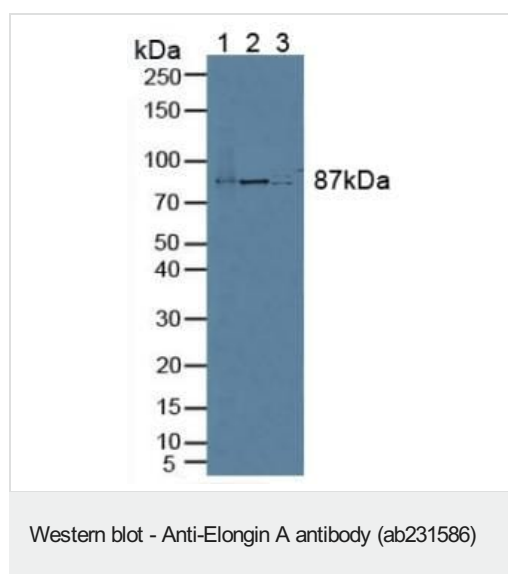
### Domain

The elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x(3)-C-x(3)-[AILV].

### Cellular localization

Nucleus.

## Images



**All lanes** : Anti-Elongin A antibody (ab231586) at 3 µg/ml

**Lane 1** : Mouse liver lysate

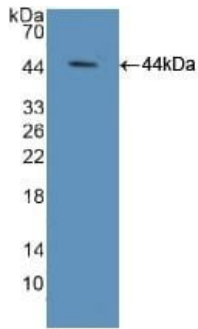
**Lane 2** : Mouse brain lysate

**Lane 3** : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

### Secondary

**All lanes** : HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

**Predicted band size:** 87 kDa



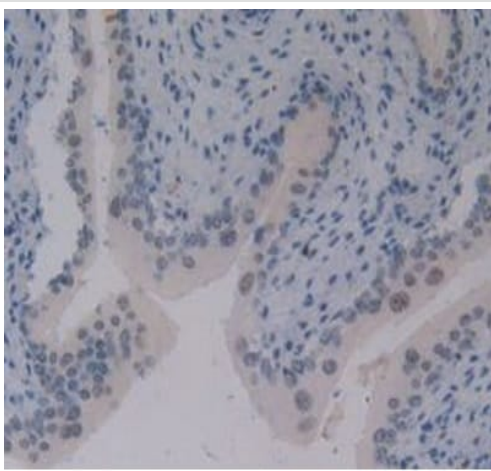
Western blot - Anti-Elongin A antibody (ab231586)

Anti-Elongin A antibody (ab231586) at 3 µg/ml + Recombinant mouse Elongin A protein

### Secondary

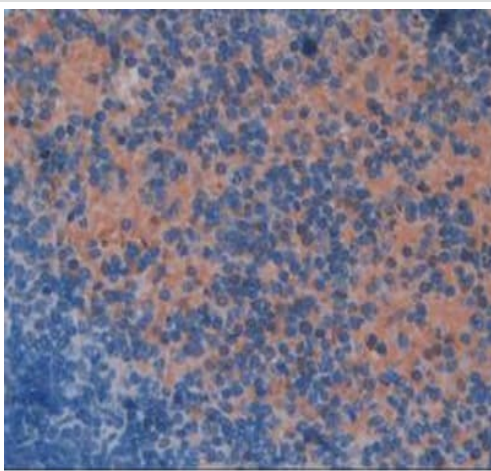
HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

**Predicted band size:** 87 kDa



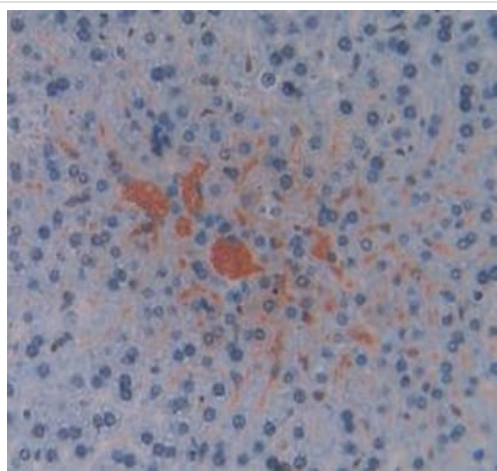
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Elongin A antibody (ab231586)

Paraffin-embedded mouse vas deferens tissue stained for Elongin A using ab231586 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Elongin A antibody (ab231586)

Paraffin-embedded mouse spleen tissue stained for Elongin A using ab231586 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Paraffin-embedded mouse liver tissue stained for Elongin A using ab231586 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Elongin A antibody (ab231586)

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

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- 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

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