




## Product datasheet

# Anti-Elastase-1 antibody ab231120

3 Images

### Overview

<b>Product name</b>	Anti-Elastase-1 antibody
<b>Description</b>	Rabbit polyclonal to Elastase-1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human <b>Predicted to work with:</b> Cat, Cynomolgus monkey 
<b>Immunogen</b>	Recombinant fragment corresponding to Human Elastase-1 aa 1 to the C-terminus. Two N-terminal tags, His-tag and GST-tag. Expressed in E. coli. Database link: <a href="#">Q9UN1</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Recombinant human Elastase-1 protein; Rat spleen lysate. IHC-P: Human brain tissue.
<b>General notes</b>	<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>

### Properties

<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>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

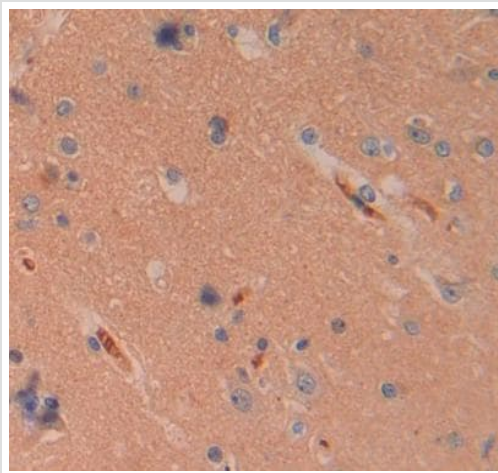
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab231120 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 28 kDa.

## Target

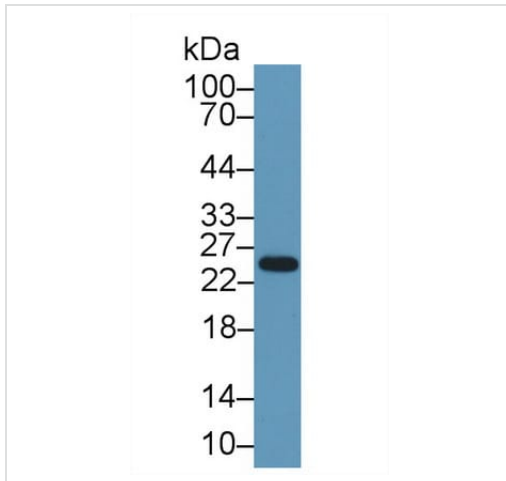
<b>Function</b>	Acts upon elastin.
<b>Tissue specificity</b>	Skin; not expressed in pancreas.
<b>Sequence similarities</b>	Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.
<b>Cellular localization</b>	Secreted.

## Images



Formalin-fixed, paraffin-embedded human brain tissue stained for Elastase-1 with ab231120 at 20 µg/ml in immunohistochemical analysis. DAB staining.

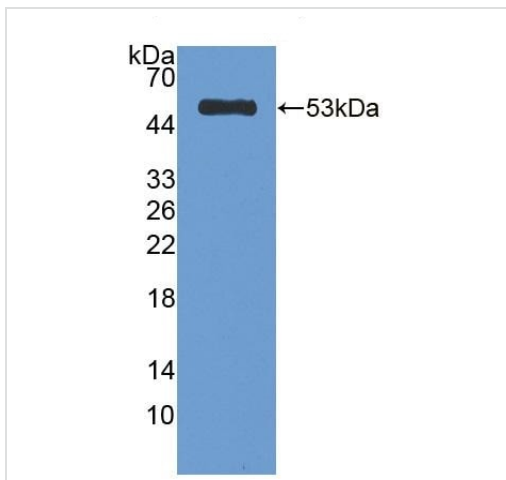
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Elastase-1 antibody (ab231120)



Western blot - Anti-Elastase-1 antibody (ab231120)

Anti-Elastase-1 antibody (ab231120) at 2 µg/ml + Rat spleen lysate

**Predicted band size:** 28 kDa



Western blot - Anti-Elastase-1 antibody (ab231120)

Anti-Elastase-1 antibody (ab231120) at 2 µg/ml + Recombinant human Elastase-1 protein

**Predicted band size:** 28 kDa

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

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- 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, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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