

Product datasheet

Anti-Ahsp antibody ab231579

4 Images

Overview

Product name	Anti-Ahsp antibody
Description	Rabbit polyclonal to Ahsp
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant full length protein corresponding to Human Ahsp aa 1-102. N-terminal His-tag and S-tag. Expressed in E.coli. Sequence: MALLKANKDLISAGLKEFSVLLNQQVFNDPLVSEEDMVTV VEDWMNFYIN YRQQVTGEPQERDKALQELRQELNLANPFLAKYRDFLK SHELPSHPPP SS

Database link: [Q9NZD4](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: Recombinant human Ahsp protein; Human and rat liver lysate. IHC-P: Human liver tissue.

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231579** in the following tested applications.

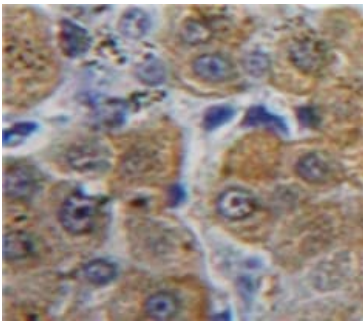
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 12 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

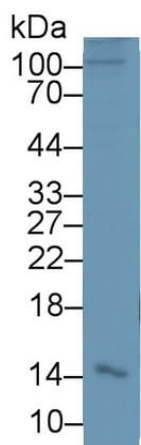
Function	Act as a chaperone to prevent the harmful aggregation of alpha-hemoglobin during normal erythroid cell development. Specifically protects free alpha-hemoglobin from precipitation. It is predicted to modulate pathological states of alpha-hemoglobin excess such as beta-thalassemia.
Tissue specificity	Expressed in blood and bone marrow.
Sequence similarities	Belongs to the AHSP family.
Cellular localization	Cytoplasm.

Images



Formalin-fixed, paraffin-embedded human liver tissue stained for Ahsp using ab231579 at 20 µg/ml in immunohistochemical analysis. DAB staining.

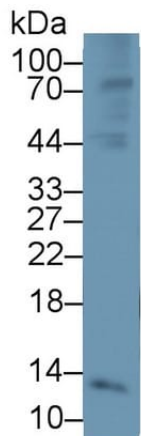
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ahsp antibody (ab231579)



Anti-Ahsp antibody (ab231579) at 1 µg/ml + Rat liver lysate

Predicted band size: 12 kDa

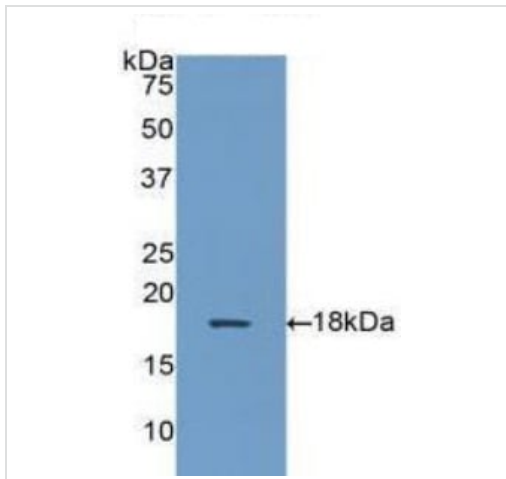
Western blot - Anti-Ahsp antibody (ab231579)



Anti-Ahsp antibody (ab231579) at 2 µg/ml + Human liver lysate

Predicted band size: 12 kDa

Western blot - Anti-Ahsp antibody (ab231579)



Western blot - Anti-Ahsp antibody (ab231579)

Anti-Ahsp antibody (ab231579) at 2 μ g/ml + Recombinant human Ahsp protein

Predicted band size: 12 kDa

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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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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