

Product datasheet

Anti-HAI-1 antibody [EPR15652] ab189511

Recombinant **RabMAb**

★★★★★ [1 Abreviews](#) [6 References](#) [5 Images](#)

Overview

Product name	Anti-HAI-1 antibody [EPR15652]
Description	Rabbit monoclonal [EPR15652] to HAI-1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human placenta, HCT116 and HeLa cell lysates; Human transitional cell bladder carcinoma tissue.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15652
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab189511 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		1/10000 - 1/50000. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa).
IHC-P	★★★★★ (1)	1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function

Inhibitor of HGF activator. Also acts as an inhibitor of matriptase (ST14).

Sequence similarities

Contains 2 BPTI/Kunitz inhibitor domains.

Contains 1 LDL-receptor class A domain.

Contains 1 MANSC domain.

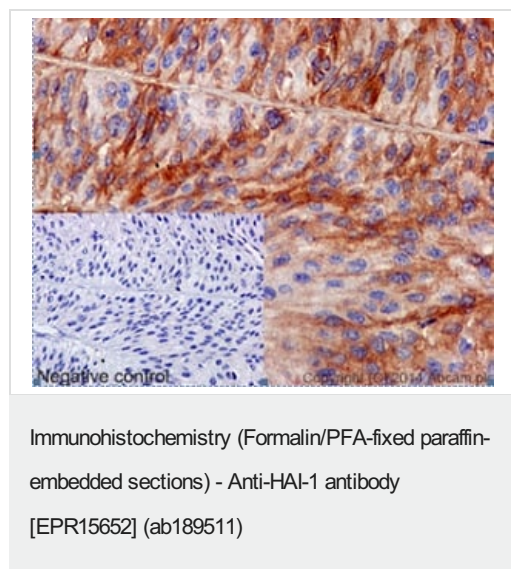
Domain

This inhibitor contains two inhibitory domains.

Cellular localization

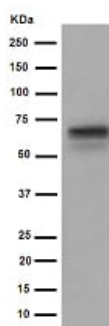
Secreted.

Images



Immunohistochemical analysis of formalin/PFA-fixed paraffin-embedded human transitional cell carcinoma of bladder sections labeling HAI-1 with ab189511 at a 1/100 dilution. Secondary antibody used was a ready to use HRP polymer for rabbit IgG. Counterstained with hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



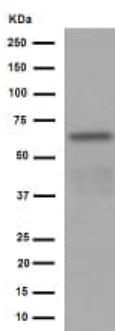
Western blot - Anti-HAI-1 antibody [EPR15652]
(ab189511)

Anti-HAI-1 antibody [EPR15652] (ab189511) at 1/10000 dilution +
HeLa cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000
dilution

Predicted band size: 58 kDa



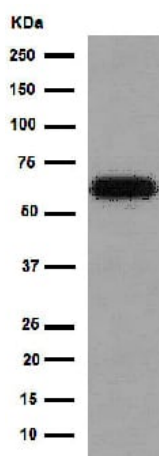
Western blot - Anti-HAI-1 antibody [EPR15652]
(ab189511)

Anti-HAI-1 antibody [EPR15652] (ab189511) at 1/50000 dilution +
HCT116 cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000
dilution

Predicted band size: 58 kDa



Western blot - Anti-HAI-1 antibody [EPR15652]
(ab189511)

Anti-HAI-1 antibody [EPR15652] (ab189511) at 1/50000 dilution +
Human placenta lysate at 10 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at
1/1000 dilution

Predicted band size: 58 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-HAI-1 antibody [EPR15652] (ab189511)

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

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