

## Product datasheet

### Anti-UCHL5IP antibody [EPR15341-56] ab192616

Recombinant RabMAb

[1 References](#) [8 Images](#)

#### Overview

<b>Product name</b>	Anti-UCHL5IP antibody [EPR15341-56]
<b>Description</b>	Rabbit monoclonal [EPR15341-56] to UCHL5IP
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), WB, IHC-P, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	HeLa, Jurkat and RAW 264.7 cell lysates; Human endometrium adenocarcinoma, Human liver and Mouse kidney tissues; Jurkat cells.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR15341-56
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab192616 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
Flow Cyt (Intra)		1/480. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/150.

## Target

### Function

Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.

### Tissue specificity

Detected in spleen, thymus, testis, ovary, small intestine and colon, with highest levels of expression in testis and ovary.

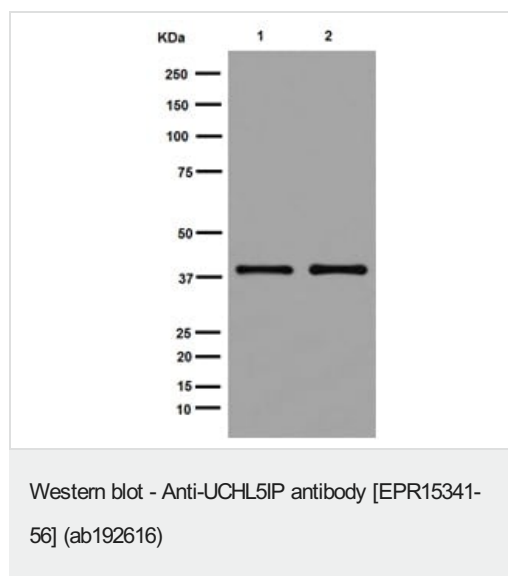
### Sequence similarities

Belongs to the HAUS7 family.

### Cellular localization

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Localizes to interphase centrosomes and to mitotic spindle microtubules.

## Images



**All lanes** : Anti-UCHL5IP antibody [EPR15341-56] (ab192616) at 1/1000 dilution

**Lane 1** : HeLa cell lysate

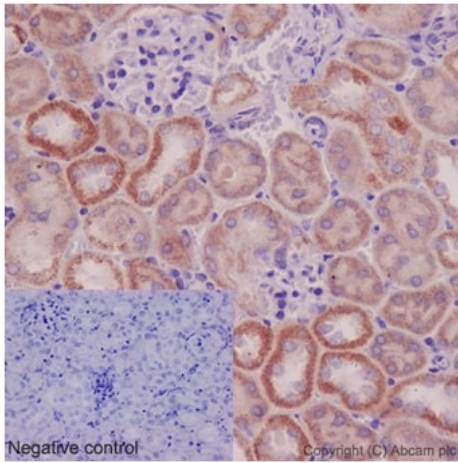
**Lane 2** : Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

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

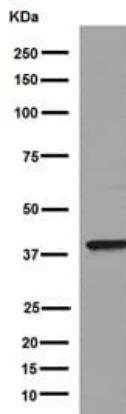
**Predicted band size:** 41 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue labeling UCHL5IP with ab192616 at 1/500 dilution (5µg/ml) dilution followed by pre-diluted HRP Polymer for Rabbit/Mouse IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



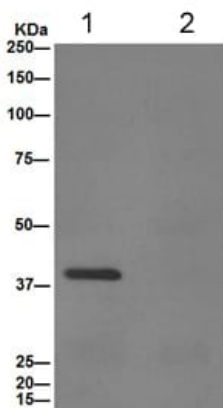
Western blot - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Anti-UCHL5IP antibody [EPR15341-56] (ab192616) at 1/1000 dilution + RAW 264.7 cell lysate at 10 µg

#### Secondary

Goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

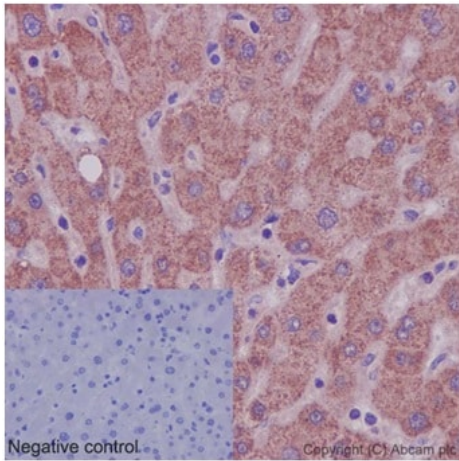
**Predicted band size:** 41 kDa



Immunoprecipitation - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Western blot analysis of immunoprecipitation pellet from Jurkat cell lysate immunoprecipitated using ab192616 at 1/150 dilution (lane 1) or PBS control (lane 2).

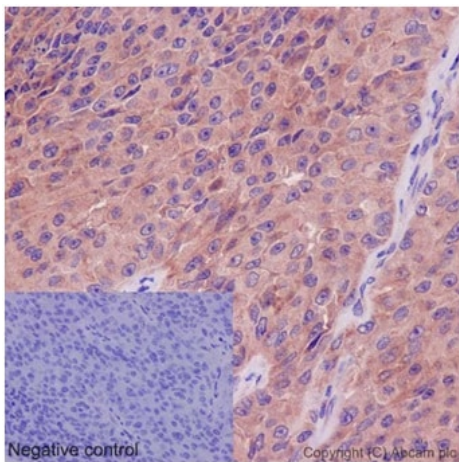
Secondary: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling UCHL5IP with ab192616 at 1/500 dilution (5µg/ml) followed by pre-diluted HRP Polymer for Rabbit/Mouse IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

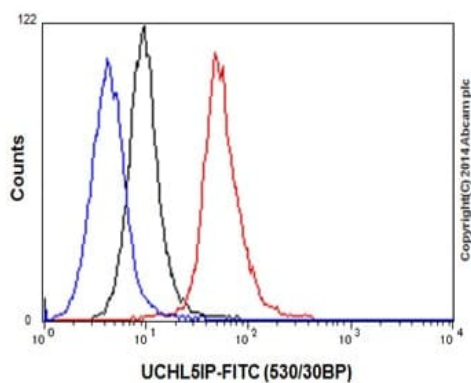
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Immunohistochemical analysis of paraffin-embedded Human endometrium adenocarcinoma tissue labeling UCHL5IP with ab192616 at 1/500 dilution (5µg/ml) followed by pre-diluted HRP Polymer for Rabbit/Mouse IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Intracellular flow cytometric analysis of Jurkat cells (paraformaldehyde-fixed, 2%) labeling UCHL5IP with ab192616 at 1/480 dilution (red) or a rabbit IgG (negative) (black), unlabeled cells (blue) followed by Goat anti rabbit IgG (FITC) secondary at 1/150 dilution.

### 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-UCHL5IP antibody [EPR15341-56] (ab192616)

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

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