


## Product datasheet

# Anti-ZHX3 antibody ab99353

3 Images

### Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-ZHX3 antibody  |
| <b>Description</b>         | Rabbit polyclonal to ZHX3   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, IP, IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Chimpanzee, Rhesus monkey, Gorilla, Orangutan    |
| <b>Immunogen</b>           | Synthetic peptide, corresponding to a region within amino acids 906-956 of Human ZHX3 (NP_055850.1)   |
| <b>Positive control</b>    | HeLa and 293T whole cell lysates  |
| <b>General notes</b>       | <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; 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.</p> <p>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&amp;As.</p> |

### Properties

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|             |        |
|-------------|--------|
| <b>Form</b> | Liquid |
|-------------|--------|

|                             |   |
|-----------------------------|---|
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.       |
| <b>Storage buffer</b>       | pH: 6.8<br>Preservative: 0.09% Sodium azide<br>Constituents: 0.1% BSA, Tris buffered saline |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

Our [Abpromise guarantee](#) covers the use of **ab99353** in the following tested applications.

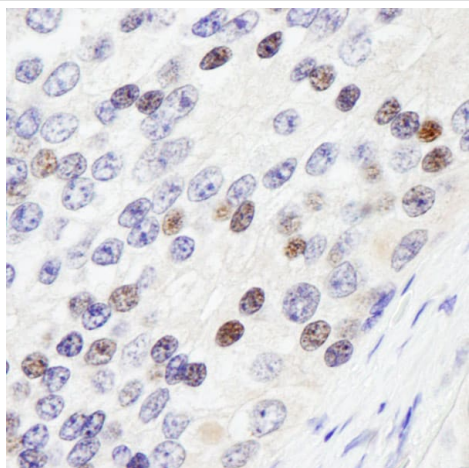
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| WB          |           | 1/2000 - 1/10000. Predicted molecular weight: 105 kDa.   |
| IP          |           | Use a concentration of 2 - 5 µg/ml.  |
| IHC-P       |           | 1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

## Target

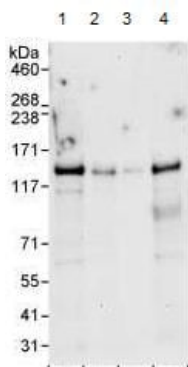
|                              |   |
|------------------------------|---|
| <b>Function</b>              | Acts as a transcriptional repressor. Is a regulator of podocyte gene expression during primary glomerula disease. |
| <b>Tissue specificity</b>    | Widely expressed. High expression in kidney.  |
| <b>Sequence similarities</b> | Belongs to the ZHX family.<br>Contains 2 C2H2-type zinc fingers.<br>Contains 5 homeobox DNA-binding domains.      |
| <b>Cellular localization</b> | Nucleus.  |

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZHX3 antibody (ab99353)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling ZHX3 with ab99353 at 1/1000 (0.2µg/ml). Detection: DAB.



Western blot - Anti-ZHX3 antibody (ab99353)

**All lanes :** Anti-ZHX3 antibody (ab99353) at 0.04 µg/ml

**Lane 1 :** HeLa whole cell lysate at 50 µg

**Lane 2 :** HeLa whole cell lysate at 15 µg

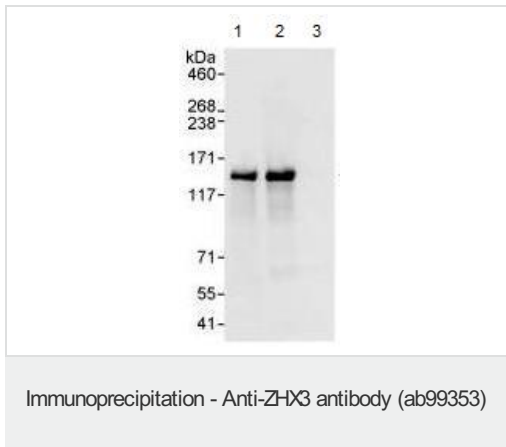
**Lane 3 :** HeLa whole cell lysate at 5 µg

**Lane 4 :** 293T cell lysate at 50 µg

Developed using the ECL technique.

**Predicted band size:** 105 kDa

**Exposure time:** 30 seconds



Detection of Human ZHX3 by Western Blot and Immunoprecipitation. Samples: Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded). ab99353 used for WB at 1  $\mu$ g/ml and used for IP at 3  $\mu$ g/mg lysate. ZHX3 was also immunoprecipitated by another rabbit anti-ZHX3 antibody (lane 2) and control IgG (lane 3). Detection Chemiluminescence with exposure times of 3 seconds.

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

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