

## Product datasheet

# Anti-HYLS1 antibody ab122702

2 Images

### Overview

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<b>Product name</b>	Anti-HYLS1 antibody
<b>Description</b>	Rabbit polyclonal to HYLS1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	MEELLPDGQI WANMDPEERM LAAATAFTHI CAGQGEGDVR REAQSIQYDP YSKASVAPGK RPALPVQLQY PHVESNPVSE TVSEASQRLR KPVMK, corresponding to amino acids 1-95 of Human HYLS1 (Q96M11).

[Run BLAST with ExPASy](#)
[Run BLAST with NCBI](#)

**Positive control** Human cerebral cortex tissue. U-2 OS cells.

### 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

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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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab122702** in the following tested applications.

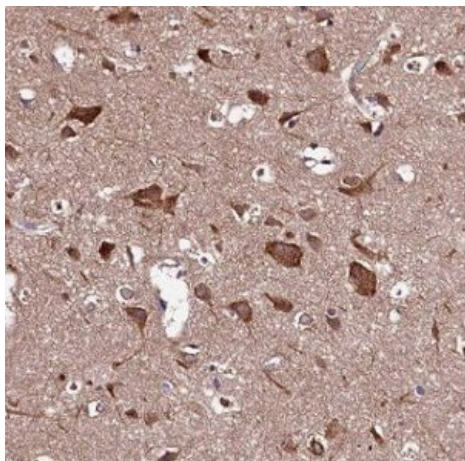
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

## Target

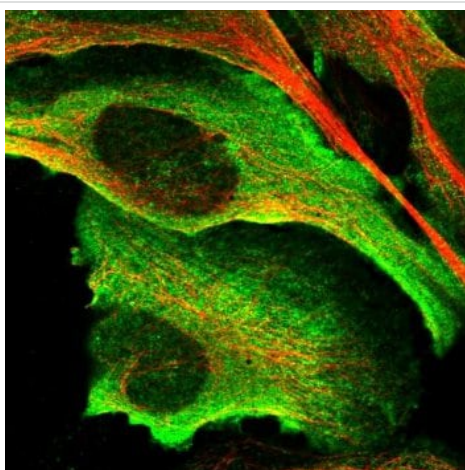
<b>Involvement in disease</b>	Defects in HYL1 are the cause of hydrolethrus syndrome type 1 (HLS1) [MIM:236680]. HLS1 is a lethal malformation syndrome leading to stillbirth or death shortly after birth. It is characterized by hydrocephaly with absent upper midline structures of the brain, micrognathia and polydactyly.
<b>Sequence similarities</b>	Belongs to the HYL1 family.
<b>Cellular localization</b>	Cytoplasm.

## Images



ab122702, at 1/500 dilution, staining HYL51 in Paraffin-embedded Human cerebral cortex tissue by Immunohistochemistry

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HYL51 antibody (ab122702)



Immunofluorescent staining of Human cell line U-2 OS using ab122702 at 4µg/ml. Antibody staining is shown in green.

Immunocytochemistry/ Immunofluorescence - Anti-HYL51 antibody (ab122702)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors