

Product datasheet

Anti-HES5 antibody ab25374

★★★★☆ 3 Abreviews 14 References 1 Image

Overview

Product name	Anti-HES5 antibody
Description	Rabbit polyclonal to HES5
Host species	Rabbit
Tested applications	Suitable for: IHC-Fr
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide: SLHQDYSEGYSWC , corresponding to amino acids 83-95 of Mouse HES5 Run BLAST with Run BLAST with

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
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Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.20 Constituents: PBS, 40% Glycerol
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab25374** 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-Fr	★★★★☆	1/200 - 1/1000. This product has not been tested with paraffin sections.

Target

Function	Transcriptional repressor of genes that require a bHLH protein for their transcription.
Tissue specificity	Expressed in fetal heart and brain tumors.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain. Contains 1 Orange domain.
Domain	Has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG). The C-terminal WRPW motif is a transcriptional repression domain necessary for the interaction with Groucho/TLE family members, transcriptional corepressors recruited to specific target DNA by Hairy-related proteins.
Cellular localization	Nucleus.

Images



Immunohistochemistry (Frozen sections) - Anti-HES5 antibody (ab25374)

ab25374 staining the cortex of e14.5 mouse embryo by IHC-Fr. The tissue was frozen and cut into 10 μm slices on a cryostat then fixed and blocked prior to incubating with the primary antibody (diluted 1/100) for 90 minutes. A fluorescent conjugated secondary antibody was incubated with the sample for 30 minutes. HES-5 is shown in red in the nuclear regions; the blue staining is Hoechst nuclear counter stain.

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

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- Response to your inquiry within 24 hours
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