


Product datasheet

Anti-ID2 antibody ab52093

★★★★☆ [4 Abreviews](#) [5 References](#) [1 Image](#)

Overview

Product name	Anti-ID2 antibody
Description	Rabbit polyclonal to ID2
Host species	Rabbit
Specificity	From Mar 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help. You may also be interested in our alternative recombinant antibody, ab90055 .
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide within Human ID2 aa 100 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: Q02363
General notes	This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. 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, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab52093 in the following tested applications.

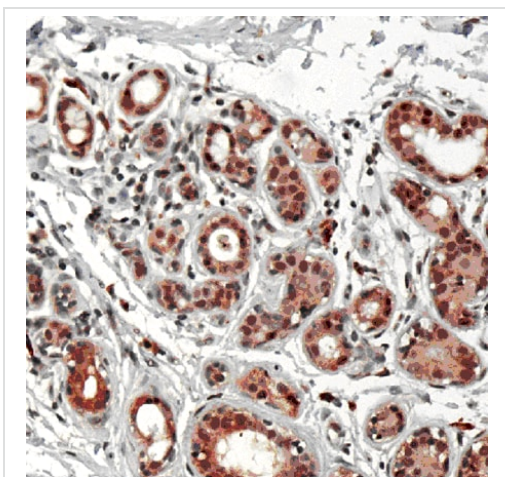
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. 1/50 for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

Target

Function	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-2 may be an inhibitor of tissue-specific gene expression.
Tissue specificity	Highly expressed in early fetal tissues, including those of the central nervous system.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Developmental stage	Found in most early fetal tissues but not in the corresponding mature tissues.
Cellular localization	Cytoplasm. Nucleus.

Images



Staining of ID2 in human breast carcinoma by immunohistochemistry, using ab52093 (1/50). (Formalin fixed, Paraffin embedded section).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ID2 antibody (ab52093)

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