


Product datasheet

Anti-ZIC3 antibody ab133153

★★★★★ 1 Abreviews

Overview

Product name	Anti-ZIC3 antibody
Description	Goat polyclonal to ZIC3
Host species	Goat
Specificity	ab133153 is NOT expected to cross-react with other ZIC proteins.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Cow, Dog, Pig 
Immunogen	Synthetic peptide: C-HVDNNQVHLGLR with a Cysteine residue linker, corresponding to internal sequence amino acids 178-189 of Human ZIC3 NP_003404.1.

 [Run BLAST with](#)

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General notes

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: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133153 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		Use a concentration of 5 - 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Acts as transcriptional activator. Required in the earliest stages in both axial midline development and left-right (LR) asymmetry specification. Binds to the minimal GLI-consensus sequence 5'-GGGTGGTC-3'.
Involvement in disease	Heterotaxy, visceral, 1, X-linked VACTERL association X-linked with or without hydrocephalus Congenital heart defects, multiple types, 1, X-linked
Sequence similarities	Belongs to the GLI C2H2-type zinc-finger protein family. Contains 5 C2H2-type zinc fingers.
Domain	The C2H2-type 3, 4 and 5 zinc finger domains are necessary for transcription activation.
Cellular localization	Nucleus. Cytoplasm. Localizes in the cytoplasm in presence of MDFIC overexpression (By similarity). Translocation to the nucleus requires KPNA1 or KPNA6.

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

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