


Product datasheet

Anti-ZIC3 antibody ab189969

★★★★★ [1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-ZIC3 antibody
Description	Goat polyclonal to ZIC3
Host species	Goat
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Monkey, Opossum, Common marmoset, Orangutan, Bat, Platypus, Elephant 
Immunogen	Synthetic peptide corresponding to Human ZIC3 aa 150-250 (internal sequence) (Cysteine residue). Database link: O60481 Run BLAST with Run BLAST with
Positive control	Human Prostate tissue
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

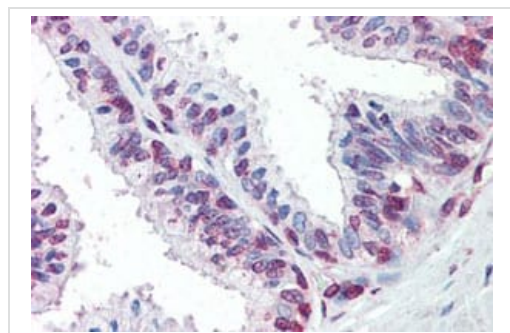
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab189969 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval 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.

Images



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human Prostate tissue labeling ZIC3 with ab189969 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZIC3 antibody (ab189969)

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

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