


Product datasheet

Anti-ZIC3 antibody ab215063

★★★★☆ [1 Abreviews](#) [2 References](#) [1 Image](#)

Overview

Product name	Anti-ZIC3 antibody
Description	Sheep polyclonal to ZIC3
Host species	Sheep
Specificity	The immunogen for this antibody shares 85% homology with Zic2 and 73% homology with Zic1. This antibody is expected to detect both Zic1 and Zic2 as well as Zic3.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Human 
Immunogen	Recombinant fragment corresponding to Human ZIC3 aa 350 to the C-terminus. (Derived from E.coli). Database link: O60481 Run BLAST with Run BLAST with
Positive control	Mouse embryonic tissue lysate.
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	Constituent: 100% PBS
Purity	Immunogen affinity purified
Purification notes	The IgG fraction of immunized serum was purified by antigen affinity chromatography.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab215063 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
WB	★★★★★ (1)	1/1000 - 1/2000. Detects a band of approximately 56 kDa (predicted molecular weight: 50 kDa).

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.

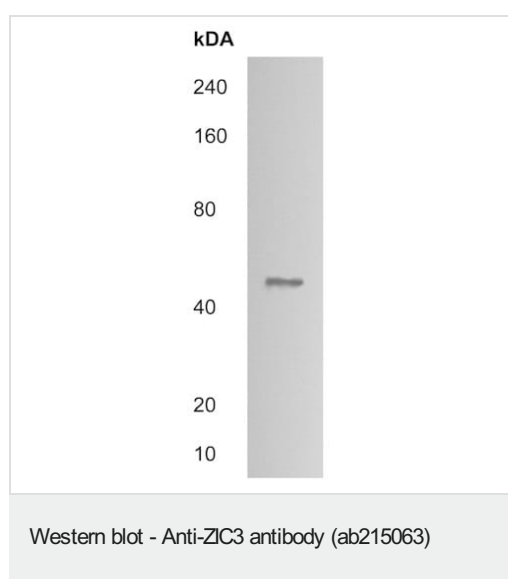
Domain

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



Anti-ZIC3 antibody (ab215063) at 1/1000 dilution + Mouse embryonic tissue lysate

Predicted band size: 50 kDa

Observed band size: 56 kDa

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

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