

Product datasheet

Anti-ZSCAN4 antibody ab106646

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Overview

Product name	Anti-ZSCAN4 antibody
Description	Rabbit polyclonal to ZSCAN4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	An 18 amino acid peptide from near the carboxy terminus of Human ZSCAN4 (NP_689890).
Positive control	Mouse lung 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). Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab106646 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)	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 49 kDa.

Target

Function

Embryonic stem (ES) cell-specific transcription factor required to regulate ES cell pluripotency. Binds telomeres and plays a key role in genomic stability in ES cells by regulating telomere elongation. Acts as an activator of spontaneous telomere sister chromatid exchange (T-SCE) and telomere elongation in undifferentiated ES cells.

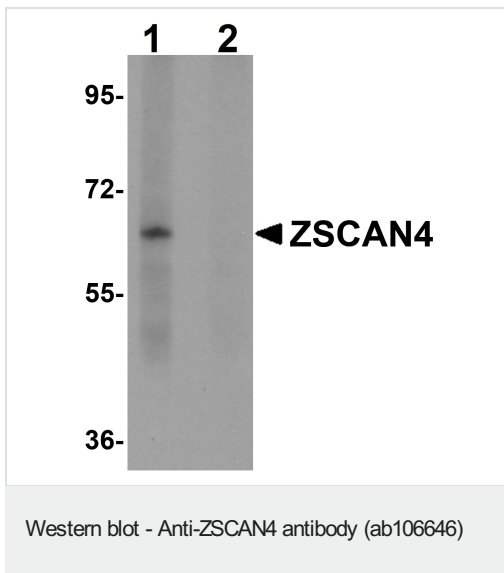
Sequence similarities

Contains 4 C2H2-type zinc fingers.
Contains 1 SCAN box domain.

Cellular localization

Nucleus. Chromosome > telomere.

Images



All lanes : Anti-ZSCAN4 antibody (ab106646) at 1 µg/ml

Lane 1 : Mouse kidney tissue lysate

Lane 2 : Mouse kidney tissue lysate with blocking peptide

Lysates/proteins at 15 µg per lane.

Predicted band size: 49 kDa

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

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