


Anti-ZNF238 antibody ab118471

[4 References](#) [1 Image](#)

Overview

Product name	Anti-ZNF238 antibody
Description	Rabbit polyclonal to ZNF238
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment, corresponding to amino acids 228-498 of Human ZNF238 (BC036677).
Positive control	K562 cell 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	Lyophilized:Reconstitute in 200ul sterile water
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituent: 1% BSA
Purity	Immunogen affinity purified
Purification notes	ab118471 is purified by a protein affinity column.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab118471 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		1/500 - 1/1000. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa).

Target

Function

Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons (By similarity). Specifically binds the consensus DNA sequence 5'-[AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. May also play a role in the organization of chromosomes in the nucleus.

Tissue specificity

Lymphoid tissues, testis, heart, brain, skeletal muscle, and pancreas and, at much lower level, other tissues.

Sequence similarities

Contains 1 BTB (POZ) domain.
Contains 4 C2H2-type zinc fingers.

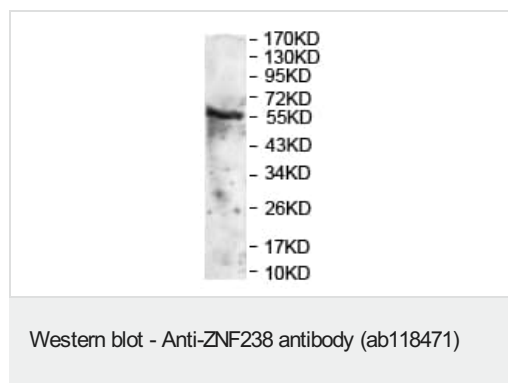
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus. Associates with condensed chromatin.

Images



Anti-ZNF238 antibody (ab118471) at 1/500 dilution + K562 cell lysate

Predicted band size: 58 kDa

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

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