

DATASHEET

ZMIZ1 Rabbit Polyclonal Antibody

CAT. NO. APA18891

KEY FEATURES

Target	ZMIZ1	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Acts as a transcriptional coactivator. Increases ligand-dependent transcriptional activity of AR and promotes AR sumoylation. The stimulation of AR activity is dependent upon sumoylation. Also functions as a transcriptional coactivator in the TGF-beta signaling pathway by increasing the activity of the SMAD3/SMAD4 transcriptional complex. Involved in transcriptional activation of a subset of NOTCH1 target genes including MYC. Involved in thymocyte and T cell development. Involved in the regulation of postmitotic positioning of pyramidal neurons in the developing cerebral cortex.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to ZMIZ1
Specificity	Recognizes endogenous levels of ZMIZ1 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human ZMIZ1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 115 kD; Observed: 95 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1224; RAI17; ZIMP10; Zinc finger MIZ domain-containing protein 1; PIAS-like protein Zimp10; Retinoic acid-induced protein 17
Gene Symbol	ZMIZ1
Entrez Gene	57178(Human)
SwissProt	Q9ULJ6(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

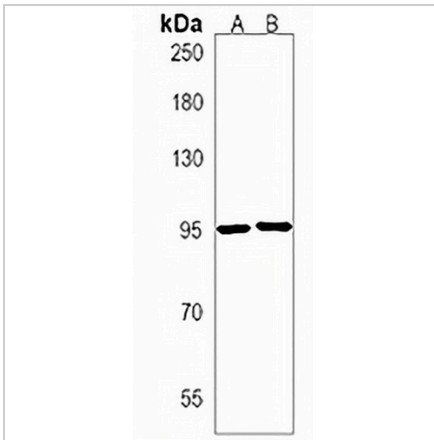
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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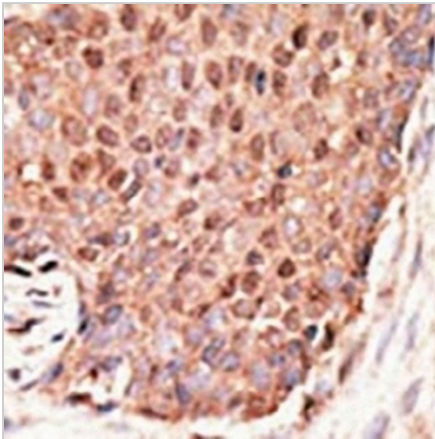
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Western blot analysis of ZMIZ1 expression in K562 (A), 293T (B) whole cell lysates. (Predicted band size: 115 kD; Observed band size: 95 kD)



Immunohistochemical analysis of ZMIZ1 staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.