

DATASHEET

ZNF24 Rabbit Polyclonal Antibody

CAT. NO. APA10326

KEY FEATURES

Target	ZNF24	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Pig	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

Transcription factor required for myelination of differentiated oligodendrocytes. Required for the conversion of oligodendrocytes from the premyelinating to the myelinating state. In the developing central nervous system (CNS), involved in the maintenance in the progenitor stage by promoting the cell cycle. Specifically binds to the 5'-TCAT-3' DNA sequence . Has transcription repressor activity in vitro.

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	1:100 - 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 ZNF24
Specificity	Recognizes endogenous levels of ZNF24 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ZNF24. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 42, 22 kD; Observed: 51, 42, 22 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	KOX17; ZNF191; ZSCAN3; Zinc finger protein 24; Retinoic acid suppression protein A; RSG-A; Zinc finger and SCAN domain-containing protein 3; Zinc finger protein 191; Zinc finger protein KOX17
Gene Symbol	ZNF24
Entrez Gene	7572(Human); 59057(Mouse); 360204(Rat)
SwissProt	P17028(Human); Q91VN1(Mouse); Q7TNK3(Rat)

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

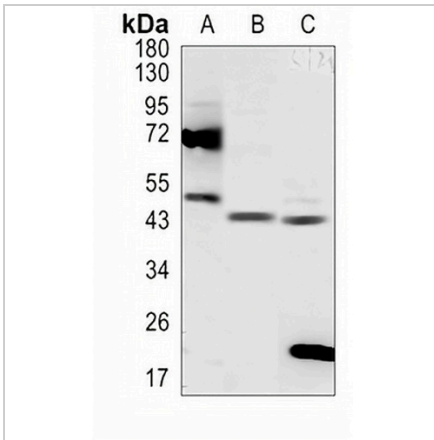
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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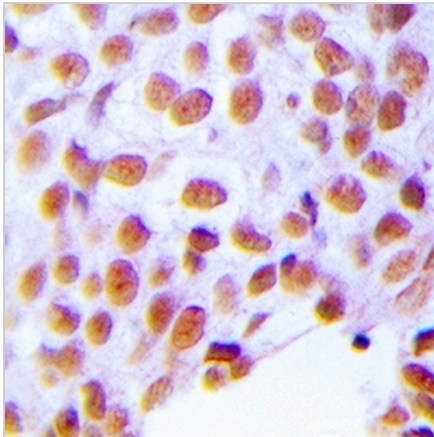
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DATA



Western blot analysis of ZNF24 expression in HEK293T (A), mouse muscle (B), rat muscle (C) whole cell lysates. (Predicted band size: 42, 22 kD; Observed band size: 51, 42, 22 kD)



Immunohistochemical analysis of ZNF24 staining in human breast cancer 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.