

DATASHEET

ZNF143 Rabbit Polyclonal Antibody

CAT. NO. APA17361

KEY FEATURES

Target	ZNF143	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	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 that activates expression of genes transcribed by both RNA polymerases II and III, and which is required to safeguard mitochondrial activity . Specifically recognizes and binds the Staf-binding site (SBS), a consensus DNA-binding motif present in thousands of promoters . Activates the gene for selenocysteine tRNA (tRNA^{Sec}) . Activates expression of small nuclear RNA (snRNA) transcribed by RNA polymerases II and III . Also activates expression of mRNAs and acts as a key regulator of cell proliferation and differentiation by specifically activating expression of a subset of nuclear-encoded mitochondrial genes, thereby controlling mitochondrial function .

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

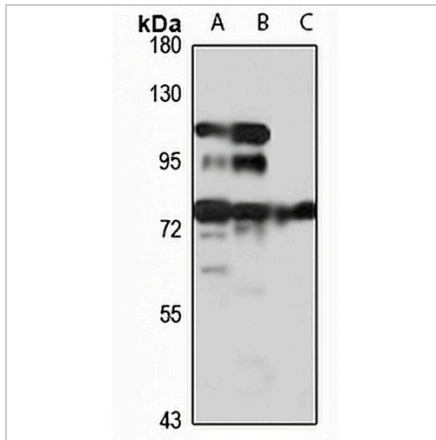
Description	Rabbit polyclonal antibody to ZNF143
Specificity	Recognizes endogenous levels of ZNF143 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZNF143. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 65; Observed: 75 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	SBF; STAF; Zinc finger protein 143; SPH-binding factor; Selenocysteine tRNA gene transcription-activating factor; hStaf
Gene Symbol	ZNF143
Entrez Gene	7702(Human); 20841(Mouse); 361627(Rat)
SwissProt	P52747(Human); O70230(Mouse); Q5XIU2(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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DATA

Western blot analysis of ZNF143 expression in HepG2 (A), mouse spleen (B), rat liver (C) whole cell lysates. (Predicted band size: 65; 68 kD; Observed band size: 75 kD)

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.