

DATASHEET

ZC3H14 Rabbit Polyclonal Antibody

CAT. NO. APA13912

KEY FEATURES

Target	ZC3H14	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	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

RNA-binding protein involved in the biogenesis of circular RNAs (circRNAs), which are produced by back-splicing circularization of pre-mRNAs, which are produced by back-splicing circularization of pre-mRNAs. Acts by binding to both exon-intron boundary and 3'-UTR of pre-mRNAs to promote circRNA biogenesis through dimerization and the association with the spliceosome. Required for spermatogenesis via involvement in circRNA biogenesis. Regulates the pre-mRNA processing of ATP5MC1; preventing its degradation. Also binds the poly(A) tail of mRNAs; controlling poly(A) length in neuronal cells.

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
IHC	1:50 - 1:200

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

PRODUCT OVERVIEW

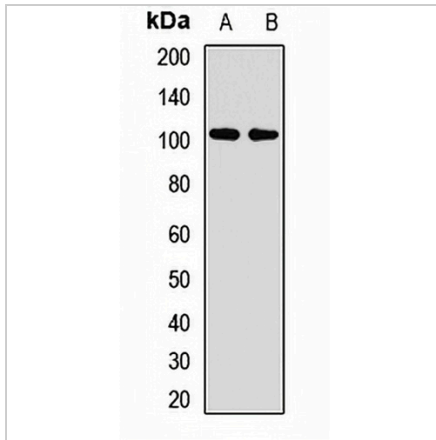
Description	Rabbit polyclonal antibody to ZC3H14
Specificity	Recognizes endogenous levels of ZC3H14 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZC3H14
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32-34; Observed: 105 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	Zinc finger CCCH domain-containing protein 14; Mammalian suppressor of tau pathology-2; MSUT-2; Renal carcinoma antigen NY-REN-37
Gene Symbol	ZC3H14
Entrez Gene	79882(Human); 75553(Mouse); 192359(Rat)
SwissProt	Q6PJT7(Human); Q8BJ05(Mouse); Q7TMD5(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 ZC3H14 expression in MCF7 (A), A549 (B) whole cell lysates. (Predicted band size: 32-34; 61-66; 80-82 kD; Observed band size: 105 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.