

**DATASHEET**

**ZNF598 Rabbit Polyclonal Antibody**

CAT. NO. APA17383

**KEY FEATURES**

Target	ZNF598	Source / Host	Rabbit
Reactivity	Human, Mouse	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**

E3 ubiquitin-protein ligase that plays a key role in the ribosome quality control (RQC), a pathway that takes place when a ribosome has stalled during translation, leading to degradation of nascent peptide chains , a pathway that takes place when a ribosome has stalled during translation, leading to degradation of nascent peptide chains . ZNF598 is activated when ribosomes are stalled within an mRNA following translation of prematurely polyadenylated mRNAs . Acts as a ribosome collision sensor: specifically recognizes and binds collided di-ribosome, which arises when a trailing ribosome encounters a slower leading ribosome, leading to terminally arrest translation .

**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**

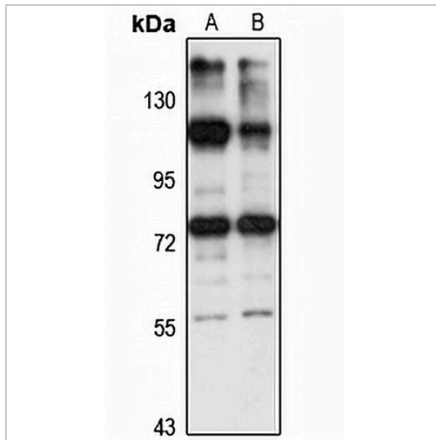
Description	Rabbit polyclonal antibody to ZNF598
Specificity	Recognizes endogenous levels of ZNF598 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZNF598. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 34; Observed: 115 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 protein 598
Gene Symbol	ZNF598
Entrez Gene	90850(Human); 213753(Mouse)
SwissProt	Q86UK7(Human); Q80YR4(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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 ZNF598 expression in Jurkat (A), HeLa (B) whole cell lysates.  
(Predicted band size: 34; 97; 98 kD; Observed band size: 115 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.