

DATASHEET

CapZ alpha-2 Rabbit Polyclonal Antibody

CAT. NO. APA12654

KEY FEATURES

Target	CapZ alpha-2	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

F-actin-capping proteins bind in a Ca(2+)-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments.

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

PRODUCT OVERVIEW

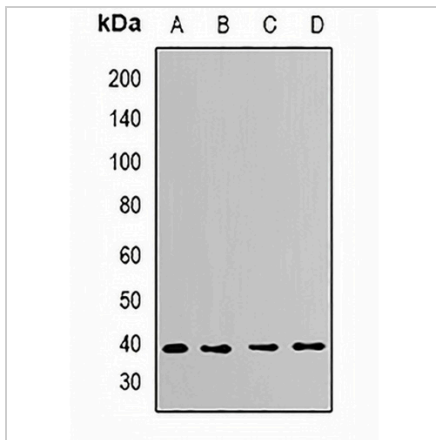
Description	Rabbit polyclonal antibody to CapZ alpha-2
Specificity	Recognizes endogenous levels of CapZ alpha-2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CapZ alpha-2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 19; Observed: 38 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	F-actin-capping protein subunit alpha-2; CapZ alpha-2
Gene Symbol	CAPZA2
Entrez Gene	830(Human); 12343(Mouse); 493810(Rat)
SwissProt	P47755(Human); P47754(Mouse); Q3T1K5(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 CapZ alpha-2 expression in HeLa (A), THP1 (B), mouse brain (C), mouse heart (D) whole cell lysates. (Predicted band size: 19; 32 kD; Observed band size: 38 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.