

DATASHEET

Calpain 10 Rabbit Polyclonal Antibody

CAT. NO. APA14925

KEY FEATURES

Target	Calpain 10	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

Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. May play a role in insulin-stimulated glucose uptake.

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

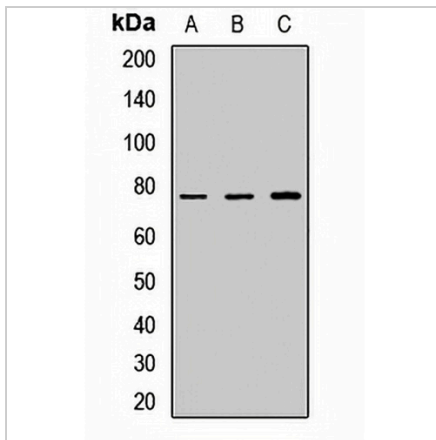
Description	Rabbit polyclonal antibody to Calpain 10
Specificity	Recognizes endogenous levels of Calpain 10 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Calpain 10
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 15; Observed: 68 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	KIAA1845; Calpain-10; Calcium-activated neutral proteinase 10; CANP 10
Gene Symbol	CAPN10
Entrez Gene	11132(Human); 23830(Mouse); 63834(Rat)
SwissProt	Q9HC96(Human); Q9ESK3(Mouse); Q9ES66(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 Calpain 10 expression in HeLa (A), HepG2 (B), HT29 (C) whole cell lysates. (Predicted band size: 15; 29; 49; 57; 60; 74 kD; Observed band size: 68 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.