

DATASHEET

Calpain reg Mouse Monoclonal Antibody(C3600)

CAT. NO. AMA03212

KEY FEATURES

Target	Calpain reg	Source / Host	Mouse
Reactivity	Hamster, Rabbit	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Regulatory subunit of the calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Essential for embryonic development .

APPLICATION

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

WB	1:1000 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

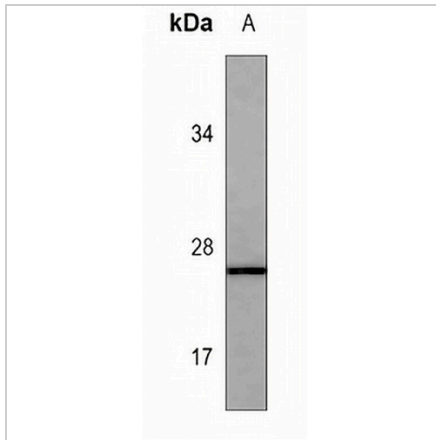
Description	Mouse monoclonal antibody to Calpain reg
Specificity	Recognizes endogenous levels of Calpain reg protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human Calpain reg. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 28 kD; Observed: 28 kD
Form/Buffer	Mouse IgG2b kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CAPN4; CAPNS; Calpain small subunit 1; CSS1; Calcium-activated neutral proteinase small subunit; CANP small subunit; Calcium-dependent protease small subunit; CDPS; Calcium-dependent protease small subunit 1; Calpain regulatory subunit
Gene Symbol	CAPNS1
SwissProt	P04632(Human)

*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 reg expression in A431 (A) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 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.