

DATASHEET

Calpain 9 Rabbit Polyclonal Antibody

CAT. NO. APA15212

KEY FEATURES

Target	Calpain 9	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.

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
----	----------------

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

PRODUCT OVERVIEW

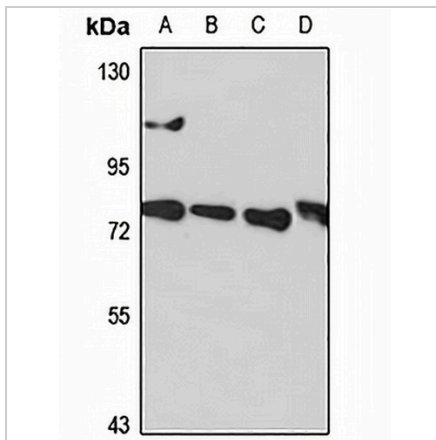
Description	Rabbit polyclonal antibody to Calpain 9
Specificity	Recognizes endogenous levels of Calpain 9 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Calpain 9. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 76; Observed: 79 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	NCL4; Calpain-9; Digestive tract-specific calpain; New calpain 4; nCL-4; Protein CG36
Gene Symbol	CAPN9
Entrez Gene	10753(Human); 73647(Mouse); 116694(Rat)
SwissProt	O14815(Human); Q9D805(Mouse); O35920(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.

DATASHEET**Calpain 9 Rabbit Polyclonal Antibody**

CAT. NO. APA15212

DATA

Western blot analysis of Calpain 9 expression in HL60 (A), HT29 (B), mouse stomach (C), rat small intestine (D) whole cell lysates. (Predicted band size: 76; 79 kD; Observed band size: 79 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.