

DATASHEET

HPCA Rabbit Monoclonal Antibody(C1922)

CAT. NO. AMA01534

KEY FEATURES

Target	HPCA	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Calcium-binding protein that may play a role in the regulation of voltage-dependent calcium channels . May also play a role in cyclic-nucleotide-mediated signaling through the regulation of adenylate and guanylate cyclases .

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

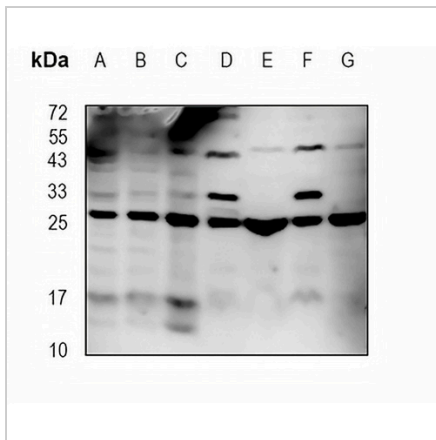
Description	Recombinant rabbit monoclonal antibody to HPCA
Specificity	Recognizes endogenous levels of HPCA protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human HPCA protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 22 kD; Observed: 26 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	BDR2; Neuron-specific calcium-binding protein hippocalcin; Calcium-binding protein BDR-2
Gene Symbol	HPCA
Entrez Gene	3208(Human); 15444(Mouse); 29177(Rat)
SwissProt	P84074(Human); P84075(Mouse); P84076(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 HPCA expression in A549 (A), PC3 (B), MCF7 (C), mouse brain (D), mouse spleen (E), rat brain (F), rat spleen whole cell lysates. (Predicted band size: 22 kD; Observed band size: 26 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.