

DATASHEET

Secretogranin-2 Rabbit Polyclonal Antibody

CAT. NO. APA12893

KEY FEATURES

Target	Secretogranin-2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	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

Neuroendocrine protein of the granin family that regulates the biogenesis of secretory granules.

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
IF/ICC	1:10 - 1:100

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

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to Secretogranin-2
Specificity	Recognizes endogenous levels of Secretogranin-2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Secretogranin-2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 70 kD; Observed: 65 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	CHGC; Secretogranin-2; Chromogranin-C; Secretogranin II; SgII
Gene Symbol	SCG2
Entrez Gene	7857(Human); 20254(Mouse); 24765(Rat)
SwissProt	P13521(Human); Q03517(Mouse); P10362(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.

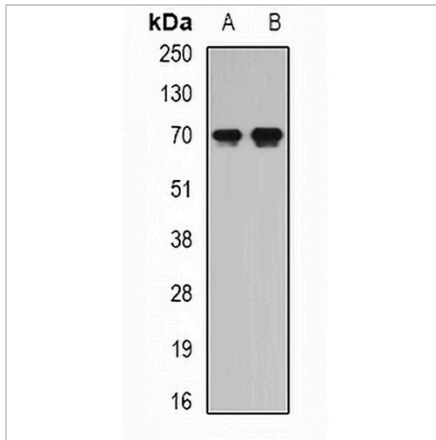
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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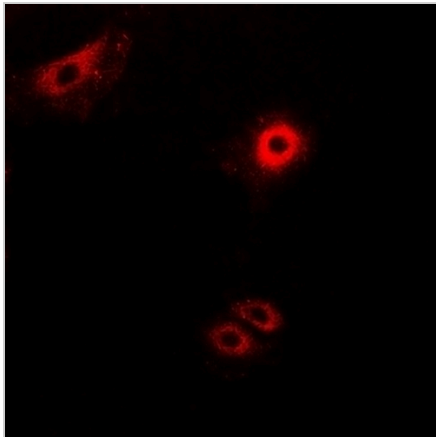
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DATA



Western blot analysis of Secretogranin-2 expression in SW620 (A), Jurkat (B) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 65 kD)



Immunofluorescent analysis of Secretogranin-2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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.