

DATASHEET

TRPC5 Rabbit Polyclonal Antibody

CAT. NO. APA13846

KEY FEATURES

Target	TRPC5	Source / Host	Rabbit
Reactivity	Human, Mouse	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

Forms a receptor-activated non-selective calcium permeant cation channel . Mediates calcium-dependent phosphatidylserine externalization and apoptosis in neurons via its association with PLSCR1 . Acts on distinct neuronal populations in the hypothalamus to regulate innate behaviors including feeding, anxiety (flight/fight/fear), socialization, and maternal care .

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

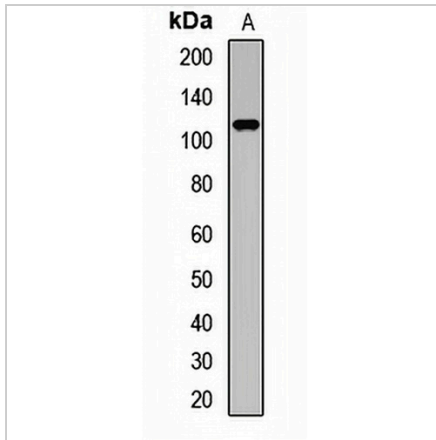
Description	Rabbit polyclonal antibody to TRPC5
Specificity	Recognizes endogenous levels of TRPC5 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRPC5
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 111 kD; Observed: 100 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	TRP5; Short transient receptor potential channel 5; TrpC5; Transient receptor protein 5; TRP-5; hTRP-5; hTRP5
Gene Symbol	TRPC5
Entrez Gene	7224(Human)
SwissProt	Q9UL62(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 TRPC5 expression in SHSY5Y (A) whole cell lysates. (Predicted band size: 111 kD; Observed band size: 100 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.