

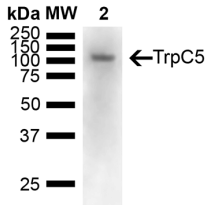
Anti-TRPC5 Antibody [N67/15] (A304954)

Specifications:

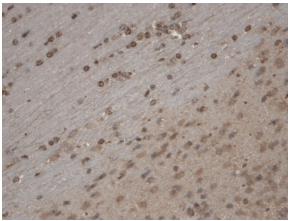
Name:	Anti-TRPC5 Antibody [N67/15]
Description:	Mouse monoclonal [N67/15] antibody to TRPC5.
Applications:	WB, IHC, IP, Antibody Microarray
Recommended Dilutions:	WB: 1:1,000, IHC: 1:1,000, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	Synthetic peptide amino acids 827-845 of human TrpC5 (also known as short transient receptor potential channel 5, and Htrp5).
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	N67/15
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~110 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This antibody was formerly sold under the Clone ID S67-15.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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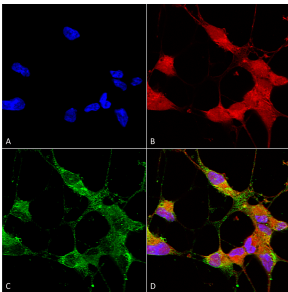
Images:



Western blot analysis of mouse brain showing detection of 110 kDa TrpC5 protein using Anti-TRPC5 Antibody [N67/15] (A304954) at 1:1,000 for Overnight at 4°C. Lane 1: Molecular Weight Ladder (MW). Lane 2: mouse Brain. Load: 15 ug. Block: 5% Skim Milk powder in TBST. The secondary antibody used was Goat anti-mouse IgG:HRP at 1:7000 for 1 hour at room temperature with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 minutes in room temperature. Predicted/Observed Size: 110 kDa.



Immunohistochemistry analysis of mouse brain slice, fixed in 10% formalin solution for 12-24 hours at room temperature. The Primary Antibody used was Anti-TRPC5 Antibody [N67/15] (A304954) at 1:1,000 for 1 hour at room temperature. The secondary antibody used was HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 µl for 5 minutes at room temperature. Localization: Nuclear staining. Magnification: 10X.



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cells (SH-SY5Y), fixed in 4% PFA for 15 min, using Anti-TRPC5 Antibody [N67/15] (A304954), at 1:50 for overnight at 4°C with slow rocking. The secondary antibody used was AlexaFluor 488 at 1:1,000 for 1 hour at room temperature. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 minutes at room temperature. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) TrpC5 Antibody (D) Composite.