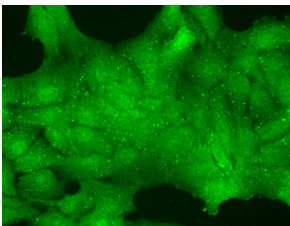


Anti-TRP 7 Antibody [N64A/36] (A304950)

Specifications:

Name:	Anti-TRP 7 Antibody [N64A/36]
Description:	Mouse monoclonal [N64A/36] antibody to TRP 7.
Applications:	WB, IHC, ICC/IF, 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 845-862 of human TRPC7.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	N64A/36
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~100 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 S64A-36.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

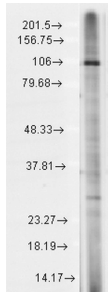
Images:



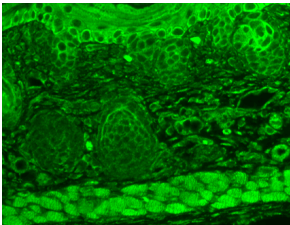
Immunocytochemistry/Immunofluorescence analysis of human HaCaT cells, fixed in cold 100% methanol for 10 minutes at -20°C, using Anti-TRP 7 Antibody [N64A/36] (A304950), at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: Nuclear staining.

Anti-TRP 7 Antibody [N64A/36] (A304950)

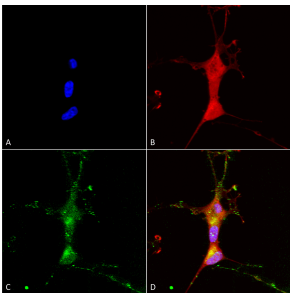
Images continued:



Western blot analysis of rat brain membrane lysate showing detection of TrpC7 protein using Anti-TRP 7 Antibody [N64A/36] (A304950) at 1:1,000 for 2 hours at room temperature. Load: 15 μ g. Block: 1.5% BSA for 30 minutes at room temperature. The secondary antibody used was Sheep Anti-Mouse IgG: HRP for 1 hour at room temperature.



Immunohistochemistry analysis of mouse backskin, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-TRP 7 Antibody [N64A/36] (A304950) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: Everything.



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cells (SH-SY5Y), fixed in 4% PFA for 15 min, using Anti-TRP 7 Antibody [N64A/36] (A304950), at 1:100 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) TrpC7 Antibody (D) Composite.