

Rabbit Sodium Channel-pan Polyclonal Antibody

Sodium Channel-pan Antibody

CATALOG # AAA320896	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Sodium Channel-pan; Polyclonal Antibody; Sodium Channel-pan Antibody; anti-Sodium Channel-pan antibody

PRODUCT SPECIFICATIONS

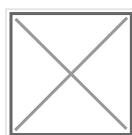
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Sodium Channel-pan antibody detects endogenous levels of total Sodium Channel-pan
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-Sodium Channel-pan antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Sodium Channel-pan Sodium Channel, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



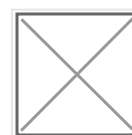
IF (Immunofluorescence)

AAA320896 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



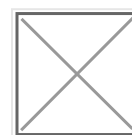
WB (Western Blot)

Western blot analysis on HuvEc cell lysate using Sodium Channel-pan Antibody, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA320896 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA320896) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis on rat muscle tissue lysate using Sodium Channel-pan Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-Sodium Channel-pan antibody	SCN5A This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. It is a tetrodotoxin-resistant Na(+) channel isoform.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	230 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sodium-channel-pan-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320896>