

# Anti-SCN9A antibody

Catalog Number: 175108

## Product name

Anti-SCN9A antibody

## Specificity

Human

## Antibody description

Rabbit polyclonal antibody to SCN9A

## Preparation

This antigen of this antibody was synthetic peptide within human nav1.7 aa 1-50 (cytoplasmic).

## Formulation

Liquid, 1\*PBS (pH7.4), 0.2% BSA, 50% Glycerol.  
Preservative: 0.05% Sodium Azide.

## Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## Clonality

Polyclonal

## Ig Type

IgG

## Applications

ICC, IHC-P, FC

## Dilutions

ICC: 1:50-1:200

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FC: 1:50-1:100

## Validations

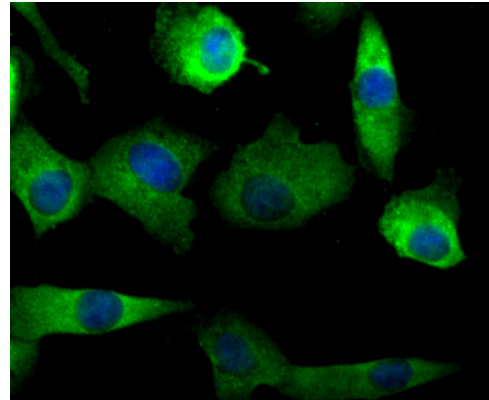


Fig1: ICC staining NaV1.7 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

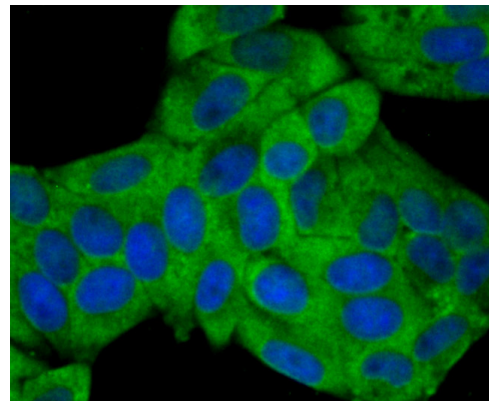


Fig2: ICC staining NaV1.7 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

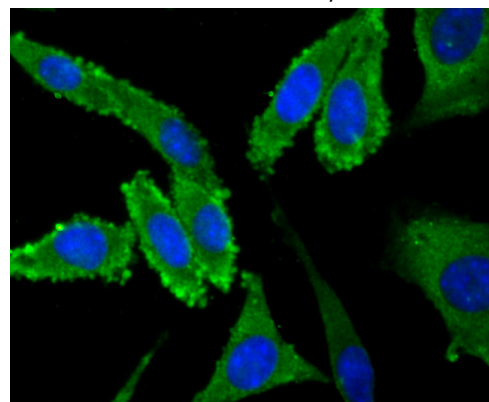


Fig3: ICC staining NaV1.7 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

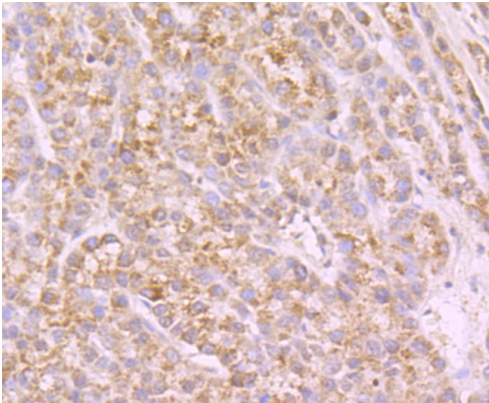


Fig4: Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-NaV1.7 beta antibody. Counter stained with

hematoxylin.

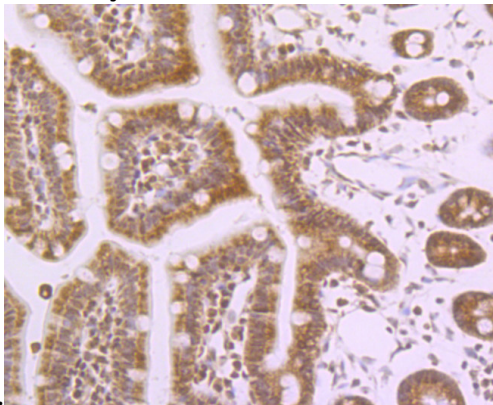


Fig5: Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-NaV1.7 beta antibody. Counter stained with hematoxylin.

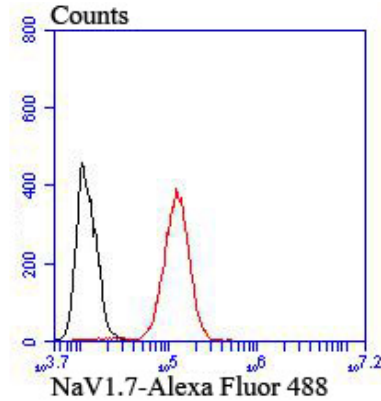


Fig6: Flow cytometric analysis of SH-SY5Y cells with NaV1.7 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).