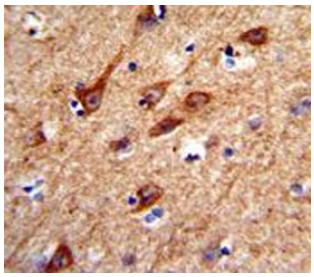
ACCN1 Antibody / ASIC2 (F51596)

Catalog No.	Formulation	Size
F51596-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51596-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

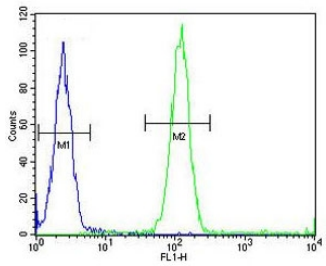
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q16515
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1000 IHC (Paraffin) : 1:25-1:50 Flow Cytometry : 1:10-1:50
Limitations	This ACCN1 antibody is available for research use only.

Western blot analysis of ACCN1 antibody and human NCI-H460 lysate. Predicted molecular weight ~58 kDa.



IHC analysis of FFPE human brain tissue stained with ACCN1 antibody



ACCN1 antibody flow cytometric analysis (intracellular) of human WiDr cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Amiloride-sensitive cation channel neuronal 1 is a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. ACCN1 may play a role in neurotransmission. In addition, a heteromeric association between this member and ACCN3 (variant 1) has been observed to co-assemble into proton-gated channels sensitive to gadolinium.

Application Notes

Titration of the ACCN1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 120-148 from the human protein was used as the immunogen for this ACCN1 antibody.

Storage

Aliquot the ACCN1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com