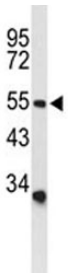
ASIC1 Antibody / ACCN2 (F51622)

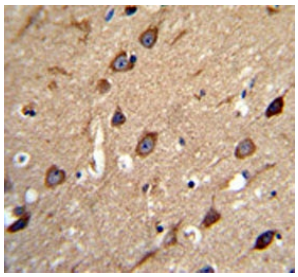
Catalog No.	Formulation	Size
F51622-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51622-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

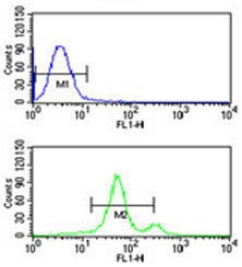
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Chicken, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P78348
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This ASIC1 antibody is available for research use only.



Western blot analysis of ASIC1 antibody and human CEM lysate. Predicted molecular weight ~59 kDa.



IHC analysis of FFPE human brain tissue stained with ASIC1 antibody



ASIC1 antibody flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

ACCN2 / ASIC1 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. The member is expressed in most if not all brain neurons, and it may be an ion channel subunit; however, its function as an ion channel remains unknown.

Application Notes

Titration of the ASIC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 500-526 from the human protein was used as the immunogen for this ASIC1 antibody.

Storage

Aliquot the ASIC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.