ASIC3 Antibody / ACCN3 (F47082)

Catalog No.	Formulation	Size
F47082-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47082-0.08ML	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
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9UHC3
Applications	Western blot: 1:1000
Limitations	This ASIC3 antibody is available for research use only.



ASIC3 antibody western blot analysis in human CEM lysate. Predicted molecular weight ~59 kDa.

Description

This gene encodes 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, two hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene is an acid sensor and may play an important role in the detection of lasting pH changes. In addition, a heteromeric association between this member and ACCN1/ASIC2 has been observed as proton-gated channels sensitive to gadolinium. Alternative splicing of this gene generates three transcript variants encoding distinct isoforms.

Application Notes

Titration of the ASIC3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 55-83 from the human protein was used as the immunogen for this ASIC3 antibody.

Storage

Aliquot the ASIC3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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