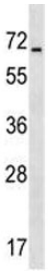
ASIC4 Antibody / ACCN4 (F44840)

Catalog No.	Formulation	Size
F44840-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44840-0.08ML	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	Q96FT7
Applications	Western blot: 1:1000
Limitations	This ASIC4 antibody is available for research use only.



ASIC4 antibody western blot analysis in human HepG2 lysate. Predicted molecular weight ~70 kDa.

Description

This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC. Alternative splicing at this locus results in two transcript variants encoding different isoforms.

Application Notes

Titration of the ASIC4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 23-52 from the human protein was used as the immunogen for this ASIC4 antibody.

Storage

Aliquot the ASIC4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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