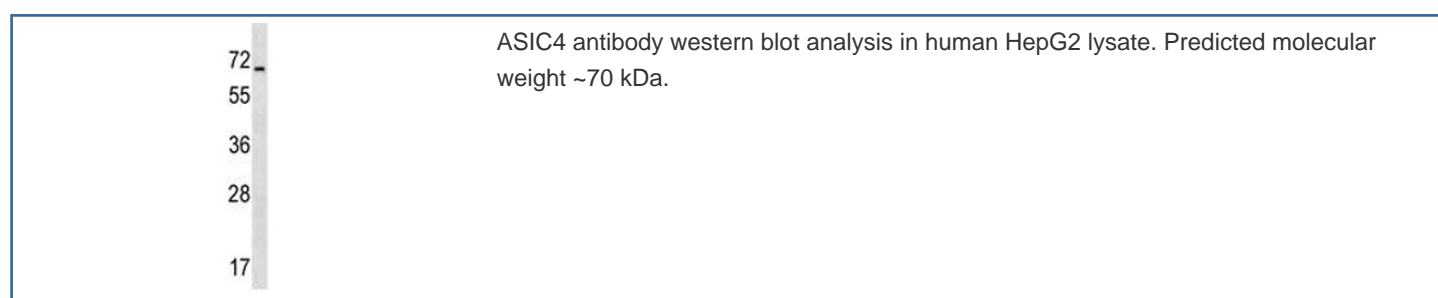


## ASIC4 Antibody / ACCN4 (F44840)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q96FT7
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This ASIC4 antibody is available for research use only.



## 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.