

Product datasheet for **AP50045PU-N**

ACCN4 (ASIC4) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 22-52 amino acids from the N-terminal region of human ACCN4
Specificity:	This antibody reacts to ASIC4 / ACCN4.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	acid sensing ion channel subunit family member 4
Database Link:	Entrez Gene 55515 Human Q96FT7



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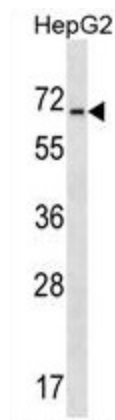
Background: This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary 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.

Synonyms: ACCN4; BNAC4

Note: **Molecular Weight:** 70105 Da

Protein Families: Druggable Genome, Ion Channels: Other

Product images:



ACCN4 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the ACCN4 antibody detected the ACCN4 protein (arrow)