

MaxPab®

ACCN1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000040-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ACCN1 protein.
Immunogen	ACCN1 (NP_001085.2, 1 a.a. ~ 512 a.a) full-length human protein.
Sequence	MDLKESPSEGLQPSSIQIFANTSTLHGIRHIFVYGPLTIRRVLWAVAFVGSGLLLVESSERSVYF SYQHVTKVDEVVAQSLVFPAVTLCLNNGFRFSRLTTNDLYHAGELLALLDVNLQIPDPLADPSVL EALRQKANFKHYKPKQFSMLEFLHRVGHDLKDMMLYCKFKGQECGHQDFTTVFTKYGKCYMFN SGEDGKPLLTTVKGGTGNGLEIMLDIQQDEYLPWGETEETTFEAGVKVQIHSQSEPPFIQELGFGV APGFQTFVATQEQRLTYLPPPWGECRSSEMGLDFFPVYSITACRIDCETRYVENCNCRMVHMPG DAFPCTPEQHKECAEPALGLLAEKDSNYCLCRTPCNLTRYNKELSMVKIPSKTSAKYLEKKFNKS EKYISENILVLDIFFEALNYETIEQKKAYEVAALLGDIGGQMGLFIGASILTELFDYIYELIKEKLLDLLG KEEDEGSHDENVSTCDTMPNHSETISHTVNVPLQTTLGTLEEIAC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — ACCN1

Entrez GeneID [40](#)

GeneBank Accession# [NM_001094.4](#)

Protein Accession# [NP_001085.2](#)

Gene Name ACCN1

Gene Alias ACCN, ASIC2, ASIC2a, BNC1, BNaC1, MDEG, hBNaC1

Gene Description amiloride-sensitive cation channel 1, neuronal

Omim ID [601784](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene may play a role in neurotransmission. In addition, a heteromeric association between this member and ACCN3 (variant 1) has been observed to co-assemble into proton-gated channels sensitive to gadolinium. Alternative splicing has been observed at this locus and two variants, encoding distinct isoforms, have been identified. [provided by RefSeq]

Other Designations degenerin|neuronal amiloride-sensitive cation channel 1

Pathway

- [Taste transduction](#)

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)