

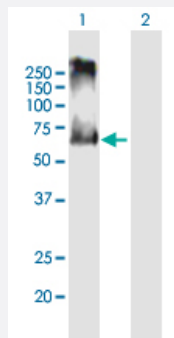
MaxPab®

ACCN3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009311-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACCN3 expression in transfected 293T cell line ([H00009311-T01](#)) by ACCN3 MaxPab polyclonal antibody.

Lane 1: ACCN3 transfected lysate(60.39 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACCN3 protein.

Immunogen

ACCN3 (NP_064717.1, 1 a.a. ~ 549 a.a) full-length human protein.

Sequence

MKPTSGPEEARRPASDIRVFASNC SMHGLGHVFGPGSLSLRRGMWAAAVVLSVATFLYQVAER
VRYREFHHQTALDERESHRLIFPAVTL CNINPLRRSRLTPNDLHWAGSALLGLDPAEHAAFLRAL
GRPPAPPGFMPSPTFDMAQLYARAGHSLDDMLLDCFRGQPCGPENFTTIFTRMGKCYTFNSGA
DGAELLTTTRGGMGNGLDIMLDVQQUEEYLPVWRDNEETPFVGVIRVQIHSQEEPPIDQLGLGVSP
GYQTFVSCQQQLSFLPPPWGDCSSASLNP NYEPEPSDPLGSPSPSPSPPYTLMGCLACETR
YVARKCGCRMVYMPGDVPVCSPQQYKNCAHPAIDAMLRK DSCACPNPCAstryakELSMVRIP
SRAAARFLARKLNRSEAYAENVLALDIFFEALNYETVEQKKAYEMSELLGDIGGQMGLFIGASLLTI
LEILDYLCEVFRDKVLGYFWNRQHSQRHSSTNLLQEGLGSHRTQVPHLSLGPSTLLCSEDLPLLP
VPSRLSPPTAPATLSHSSRPVAVCVLGAPP

Host

Mouse

Reactivity

Human

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.

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[Protocol Download](#)

Gene Info — ACCN3

Entrez GeneID [9311](#)

GeneBank Accession# [NM_020321.2](#)

Protein Accession# [NP_064717.1](#)

Gene Name ACCN3

Gene Alias ASIC3, DRASIC, SLNAC1, TNaC1

Gene Description amiloride-sensitive cation channel 3

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, 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 has been observed as proton-gated channels sensitive to gadolinium. Alternative splicing of this gene generates three transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations amiloride-sensitive cation channel 3, testis|modulatory subunit of ASIC2a|proton-gated cation channel subunit|testis sodium channel 1

Disease

- [Genetic Predisposition to Disease](#)

- [Hypertension](#)