ACCN3 rabbit monoclonal antibody

Size

Catalog # H00009311-K

100 ug x up to 3

Specification **Product Description** Rabbit monoclonal antibody raised against a human ACCN3 peptide using ARM Technology. Immunogen A synthetic peptide of human ACCN3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. Host Rabbit Library Construction Non-fusion antibody library from rabbit spleen (ARM Technology). Expression Overexpression vector and transfection into 293H cell line. Reactivity Human **Purification** Protein A lsotype lgG **Quality Control Testing** Antibody reactive against human ACCN3 peptide by ELISA and mammalian transfected lysate by W estern Blot. **Storage Buffer** In 1x PBS, pH 7.4 **Storage Instruction** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. Deliverable Up to three rabbit IgG clones of 100 ug each will be delivered to customer. Note 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

Western Blot (Transfected lysate)

Protocol Download

• ELISA

Gene Info — ACCN3	
Entrez GenelD	<u>9311</u>
GeneBank Accession#	ACCN3
Gene Name	ACCN3
Gene Alias	ASIC3, DRASIC, SLNAC1, TNaC1
Gene Description	amiloride-sensitive cation channel 3
Gene Ontology	<u>Hyperlink</u>
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 se nsor and may play an important role in the detection of lasting pH changes. In addition, a heterom eric 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 cha nnel subunit testis sodium channel 1

Disease

- Genetic Predisposition to Disease
- Hypertension