

ACCN2 rabbit monoclonal antibody

Catalog # H00000041-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACCN2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACCN2 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
Isotype	IgG
Quality Control Testing	Antibody reactive against human ACCN2 peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — ACCN2

Entrez GeneID	41
GeneBank Accession#	ACCN2
Gene Name	ACCN2
Gene Alias	ASIC, ASIC1, ASIC1A, BNaC2, hBNaC2
Gene Description	amiloride-sensitive cation channel 2, neuronal
Omim ID	602866
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 is expressed in most if not all brain neurons, and it may be an ion channel subunit; however, its function as an ion channel remains unknown. Alternative splicing of this gene generates 2 transcript products. [provided by RefSeq]
Other Designations	Cation channel, amiloride-sensitive, neuronal, 2 acid-sensing ion channel 1a protein

Disease

- [Anxiety Disorders](#)
- [Depressive Disorder](#)
- [Diseases in Twins](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Personality Inventory](#)