

NALCN rabbit monoclonal antibody

Catalog # H00259232-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NALCN peptide using ARM Technology.
Immunogen	A synthetic peptide of human NALCN 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 NALCN 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 — NALCN

Entrez GeneID	259232
GeneBank Accession#	NALCN
Gene Name	NALCN
Gene Alias	Canlon, FLJ23913, FLJ44659, FLJ44764, MGC74524, VGCNL1, bA430M15.1
Gene Description	sodium leak channel, non-selective
Omim ID	611549
Gene Ontology	Hyperlink
Gene Summary	NALCN forms a voltage-independent, nonselective, noninactivating cation channel permeable to Na ⁺ , K ⁺ , and Ca ²⁺ . It is responsible for the neuronal background sodium leak conductance (Lu et al., 2007 [PubMed 17448995]).[supplied by OMIM]
Other Designations	OTTHUMP00000018654 OTTHUMP00000018655 OTTHUMP00000018656 OTTHUMP00000040730 four repeat voltage-gated ion channel voltage gated channel like 1

Disease

- [Bipolar Disorder](#)
- [Tobacco Use Disorder](#)