

SLC12A1 rabbit monoclonal antibody

Catalog # H00006557-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC12A1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC12A1 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 SLC12A1 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 — SLC12A1

Entrez GeneID	6557
GeneBank Accession#	SLC12A1
Gene Name	SLC12A1
Gene Alias	BSC1, MGC48843, NKCC2
Gene Description	solute carrier family 12 (sodium/potassium/chloride transporters), member 1
Omim ID	600839 601678
Gene Ontology	Hyperlink
Gene Summary	The sodium-potassium-chloride cotransporter isoform 2 is kidney-specific and is found on the apical membrane of the thick ascending limb of Henle's loop and the macula densa. It accounts for most of the NaCl resorption with the stoichiometry of 1Na:1K:2Cl and is sensitive to such diuretics as furosemide and bumetanide. Some Bartter-like syndromes result from defects in this gene. [provided by RefSeq]
Other Designations	NKCC2A variant A Na-K-2Cl cotransporter sodium potassium chloride cotransporter 2

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)