

DNAxPAb

Hard-to-Find
Antibody

SLC12A3 DNAxPab

Catalog # H00006559-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC12A3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SLC12A3

Entrez GeneID	6559
GeneBank Accession#	BC111850.2
Protein Accession#	AAI11851.1
Gene Name	SLC12A3
Gene Alias	FLJ96318, NCCT, TSC
Gene Description	solute carrier family 12 (sodium/chloride transporters), member 3
Omim ID	263800 600968
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a renal thiazide-sensitive sodium-chloride cotransporter that is important for electrolyte homeostasis. This cotransporter mediates sodium and chloride reabsorption in the distal convoluted tubule. Mutations in this gene cause Gitelman syndrome, a disease similar to Bartter's syndrome, that is characterized by hypokalemic alkalosis combined with hypomagnesemia, low urinary calcium, and increased renin activity associated with normal blood pressure. This cotransporter is the target for thiazide diuretics that are used for treating high blood pressure. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Na-Cl symporter NaCl electroneutral thiazide-sensitive cotransporter sodium-chloride cotransporter, thiazide-sensitive solute carrier family 12, member 3 thiazide-sensitive Na-Cl cotransporter

Disease

- [Albuminuria](#)
- [Alkalosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hypertension](#)

- [Hypokalemia](#)
- [Hypotension](#)
- [Kidney Failure](#)
- [Proteinuria](#)
- [Pseudohypoaldosteronism](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)