

# SLC5A5 Rabbit pAb

Catalog No.: A22929

## Basic Information

### Observed MW

50-55kDa

### Calculated MW

69kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a member of the sodium glucose cotransporter family. The encoded protein is responsible for the uptake of iodine in tissues such as the thyroid and lactating breast tissue. The iodine taken up by the thyroid is incorporated into the metabolic regulators triiodothyronine (T3) and tetraiodothyronine (T4). Mutations in this gene are associated with thyroid dysmorphogenesis 1.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

6528

### Swiss Prot

Q92911

### Immunogen

A synthetic peptide of SLC5A5

### Synonyms

NIS; TDH1; SLC5A5

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

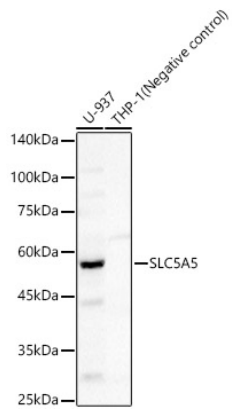
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3

## Validation Data

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Western blot analysis of various lysates, using SLC5A5 Rabbit pAb (A22929) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.