

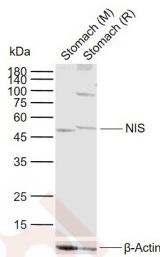
Anti-SLC5A5 Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Mouse,Rat (predicted:Human)
Molecular Weight: Theoretical: 68 kDa. Actual: 48 kDa.
Purification: Protein A purified

Applications

Sample:
 Lane 1: Mouse Stomach tissue lysates
 Lane 2: Rat Stomach tissue lysates
Verified Activity: Primary: Anti-NIS (TMAB-01727) at 1/200 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 68 kDa
 Observed band size: 48 kDa



Application: IF,IHC-Fr,WB
Recommended WB: 1:500-2000; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human NIS
Antigen Species: Human
Gene ID: 6528
Uniprot ID: Q92911
Synonyms: SLC5A5;Sodium/iodide cotransporter;Sodium-iodide symporter (Na⁺)/I⁻ symporter);Na⁺/I⁻) cotransporter;NIS;Natrium iodide transporter;Solute carrier family 5 member 5
Biology Area: Vitamins / Minerals,Channels,Hormone biosynthesis,Vitamins / minerals,Hormone biosynthesis

Research Background

catalyzes Na⁺/I⁻ symporter activity plays a role in iodide transport and thyroid hormone generation.
 Human Sodium Iodide Symporter (hNIS) is responsible for iodide concentrating ability within thyroid follicular cells.

A DRUG SCREENING EXPERT

It is a membrane bound glycoprotein with 13 membrane spanning domains and 14 extramembranous domains. It may represent an autoantigen in thyroid.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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