

Nur für Forschungszwecke

Sodium iodide symporter Polyklonaler Antikörper

Katalog-Nr.: CL488-24324



Allgemeine Informationen

Katalog-Nr.: CL488-24324	GenBank-Zugangsnummer: BC105047	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 770 µg/ml von Nanodrop;	GenID (NCBI): 6528	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Wirt: Kaninchen	Vollständiger Name: solute carrier family 5 (sodium iodide symporter), member 5	
Isotyp: IgG	Berechnete Masse: 643 aa, 69 kDa	
Immunogen Katalognummer: AG19504	Beobachtete Masse: 50-55 kDa, 75-100 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

The sodium iodide symporter (Na⁺/I⁻ symporter, NIS), encoded by SLC5A5, is an integral plasma membrane glycoprotein that plays an important role in iodide uptake by thyroid cells. Expression of sodium iodide symporter has also been found in extra-thyroidal tissues, including gastric mucosa, lactating mammary gland and salivary glands. Increased expression of sodium iodide symporter has been found in thyroid tissue from patients with Graves' disease as well as papillary thyroid carcinomas. In addition, sodium iodide symporter was found to express in majority of breast cancer tissue but not in normal tissue. Sodium iodide symporter can be a promising diagnostic and therapeutic tool for thyroid cancer and breast cancer. This antibody recognizes the mature approximately 75-100 kDa protein and a partially glycosylated 50-55 kDa protein. (PMID: 12588808, 9525971)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

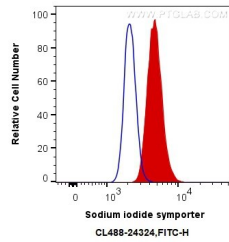
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 µg CoraLite® Plus 488 Anti-Human Sodium iodide symporter (CL488-24324) (red), or 0.4 µg Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).