

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Sodium iodide symporter



Numéro de catalogue: CL488-24324

Informations de base

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CL488-24324

Taille:

100ul, Concentration: 770 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG19504

Numéro d'acquisition GenBank:

BC105047

Identification du gène (NCBI):

6528

Nom complet:

solute carrier family 5 (sodium iodide symporter), member 5

MW calculé

643 aa, 69 kDa

MW observés:

50-55 kDa, 75-100 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain, rat, souris

Informations générales

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)

Stockage

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Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

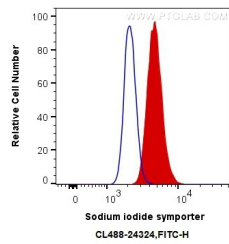
For technical support and original validation data for this product please contact:

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.

Données de validation sélectionnées



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