

DATASHEET

NIS Rabbit Polyclonal Antibody

CAT. NO. APA14892

KEY FEATURES

Target	NIS	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Sodium:iodide symporter that mediates the transport of iodide into the thyroid gland . Can also mediate the transport of chlorate, thiocyanate, nitrate and selenocyanate .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

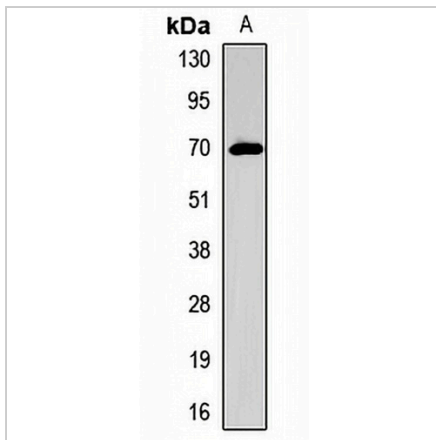
Description	Rabbit polyclonal antibody to NIS
Specificity	Recognizes endogenous levels of NIS protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NIS
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 68 kD; Observed: 68 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NIS; Sodium/iodide cotransporter; Na(+)/I(-) cotransporter; Sodium-iodide symporter; Na(+)/I(-) symporter; Solute carrier family 5 member 5
Gene Symbol	SLC5A5
Entrez Gene	6528(Human); 114613(Rat)
SwissProt	Q92911(Human); Q99PN0(Mouse); Q63008(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NIS expression in mouse testis (A) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 68 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.