

Anti-NIS Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 68 kDa. Actual: 68 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: U937 (Human) Cell Lysate at 30 µg Primary: Anti-NIS (TMAB-09489) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. 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

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. 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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481