bs-22233R

[Primary Antibody]



www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

NIS Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 6528 **SWISS:** Q92911

Target: NIS

Immunogen: KLH conjugated synthetic peptide derived from human NIS:

580-643/643. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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.

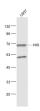
Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW.: 68 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: U937(Human) Cell Lysate at 30 ug Primary: Anti- NIS (bs-22233R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD

- SELECTED CITATIONS -

• [IF=3] Ruggeri Rosaria M.. et al. Polychlorinated Biphenyls (PCBS)-induced oxidative stress and inflammation in human thyrocytes: involvement of AhR and NRF-2/HO-1 pathway. ENDOCRINE. 2024 Aug;:1-10 WB; Human. 39174753