

Product datasheet for TA326382

Sodium Iodide Symporter (SLC5A5) Mouse Monoclonal Antibody [Clone ID: 14F]

Product data:

Product Type:	Primary Antibodies
Clone Name:	14F
Applications:	WB
Recommend Dilution:	WB: 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Mannose binding protein hNIS fusion (AA468-643)
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	1 mg/ml
Purification:	Protein G Purified
Gene Name:	solute carrier family 5 member 5
Database Link:	NP_000444 Entrez Gene 114479 MouseEntrez Gene 114613 RatEntrez Gene 6528 Human
Background:	The sodium iodide symporter (NIS) is an ion pump that actively transports iodide across the basolateral membrane into thyroid epithelial cells. This is important step in the process of iodide organification and the formation of triiodothyronine and thyroxine.
Synonyms:	NIS; TDH1
Note:	Apparent mol. wt of 97kD, non-glycosylated version at 68kD. Other minor bands associated with hNIS at 160 kDa, and degradation products at ~30 kDa, and ~15kDa.
Protein Families:	Druggable Genome, Transmembrane



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Product images:

Western blot analysis of Sodium Iodide Symporter, Clone 14F, tested on human thyroid lysate, using a 1:1000 dilution of the antibody