

# Product Datasheet

## STIM1 Antibody - Azide Free NBP2-44168-0.05mg

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP2-44168-0.05mg**

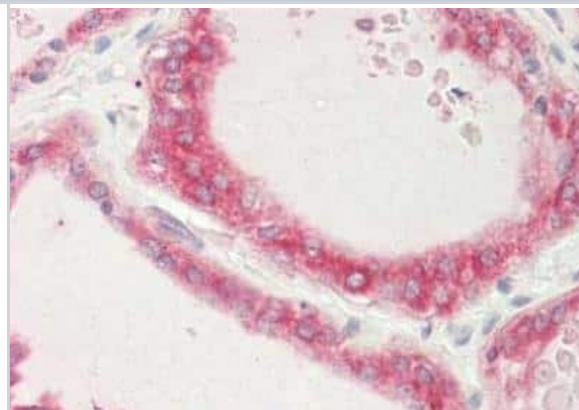
STIM1 Antibody - Azide Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 50% (v/v) Glycerol with 1 mg/ml Bovine Serum Albumin (BSA)
<b>Product Description</b>	
<b>Description</b>	This antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography  Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
<b>Host</b>	Sheep
<b>Gene ID</b>	6786
<b>Gene Symbol</b>	STIM1
<b>Species</b>	Human
<b>Reactivity Notes</b>	A BLAST analysis was used to suggest cross-reactivity with rat, human, and mouse based on 100% sequence homology. Cross-reactivity with Stim I from other sources has not been determined.
<b>Immunogen</b>	STIM1 Antibody was prepared from whole sheep serum produced by repeated immunizations with a synthetic peptide near the N-terminus of human STIM1. (Uniprot: Q13586)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1ug/ml, ELISA 1:10000, Immunohistochemistry 5ug/ml, Immunohistochemistry-Paraffin
<b>Application Notes</b>	This product is tested for ELISA and immunohistochemistry and suitable for Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~77kDa corresponding to the appropriate cell lysate or extract.

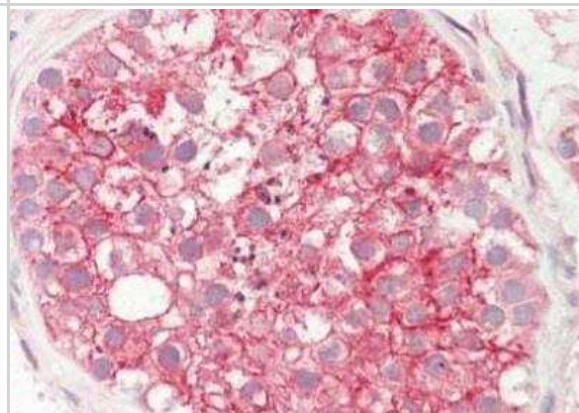


## Images

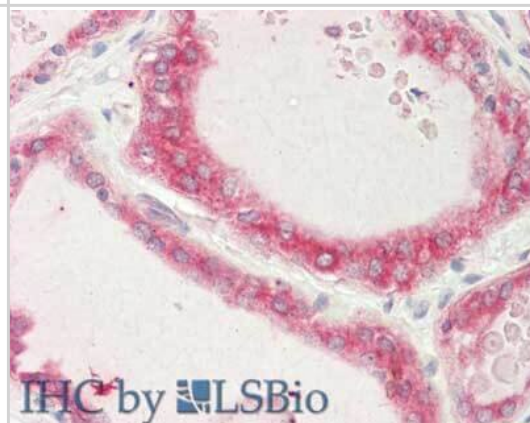
Immunohistochemistry-Paraffin: STIM1 Antibody [NBP2-44168] - Staining of human thyroid tissue



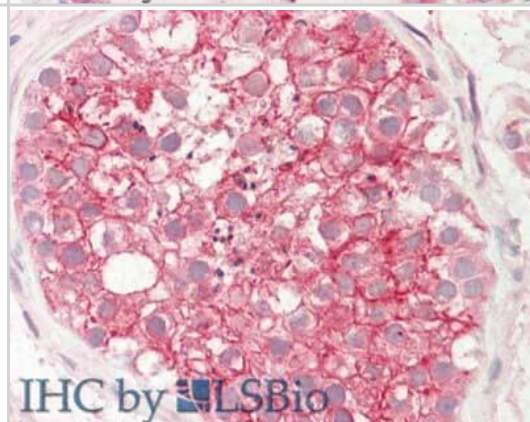
Immunohistochemistry-Paraffin: STIM1 Antibody [NBP2-44168] - Staining of human testis tissue.



Immunohistochemistry of Sheep STIM1 Antibody. Tissue: Thyroid. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: GOK / STIM1 antibody at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase sheep secondary antibody at 1:10,000 for 45 min at RT. Staining: GOK / STIM1 as precipitated red signal with hematoxylin purple nuclear counterstain.



Immunohistochemistry of Sheep STIM1 Antibody. Tissue: Testis. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: GOK / STIM1 antibody at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase sheep secondary antibody at 1:10,000 for 45 min at RT. Staining: GOK / STIM1 as precipitated red signal with hematoxylin purple nuclear counterstain.





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### **Products Related to NBP2-44168-0.05mg**

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HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
NB110-60547PEP	STIM1 Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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