

Product Datasheet

nSMase Antibody - BSA Free

NBP1-87810

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-87810

nSMase Antibody - BSA Free

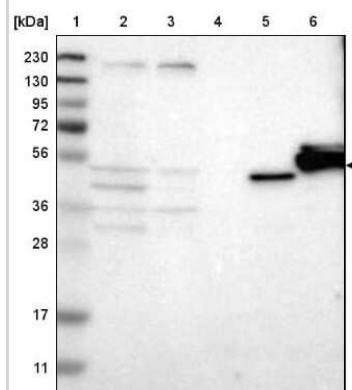
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	6610
Gene Symbol	SMPD2
Species	Human, Fish
Reactivity Notes	Fish reactivity reported in scientific literature (PMID: 31401171).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QFIHHTSKKADVLLCGDLNMHPEDLGCCLLKEWTGLHDAYLETRDFKGSSEEG NTMVPKNCYVSQQELKPFPPGVRIDYVLYKAVSGFYISCKSFETTTGFDPHRGT PLSDHEALMATLFVRHSPQNPSSST

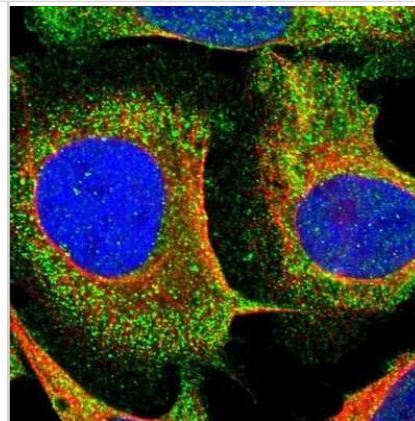
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

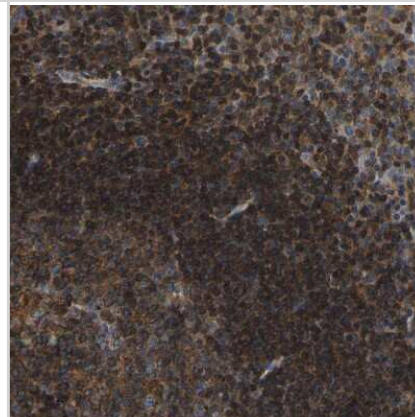
Western Blot: nSMase Antibody [NBP1-87810] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



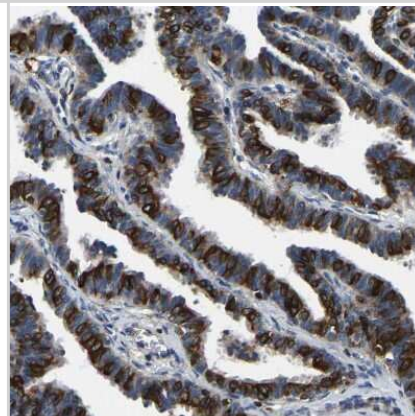
Immunocytochemistry/Immunofluorescence: nSMase Antibody [NBP1-87810] - Staining of human cell line U-2 OS shows localization to plasma membrane & vesicles. Antibody staining shown in green.



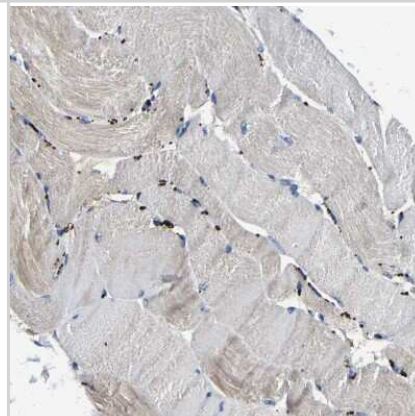
Immunohistochemistry-Paraffin: nSMase Antibody [NBP1-87810] - Staining of human tonsil shows strong membranous positivity in non-germinal center cells.



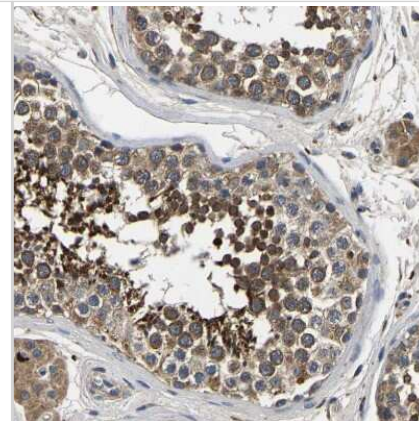
Immunohistochemistry-Paraffin: nSMase Antibody [NBP1-87810] - Staining of human Fallopian tube shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: nSMase Antibody [NBP1-87810] - Staining of human skeletal muscle shows very weak positivity in myocytes.



Immunohistochemistry-Paraffin: nSMase Antibody [NBP1-87810] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



Publications

Wang T, Zhu W, Zhang H et al. Integrated analysis of proteomics and metabolomics reveals the potential sex determination mechanism in *Odontobutis potamophila* J Proteomics 2019-08-08 [PMID: 31401171] (WB, Fish)



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Products Related to NBP1-87810

NBP1-87810PEP	nSMase Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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