Product Datasheet

SELS Antibody - BSA Free
NBP1-89558

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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NBP1-89558

SELS 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Description	Novus Biologicals Rabbit SELS Antibody - BSA Free (NBP1-89558) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-SELS Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55829
Gene Symbol	VIMP
Species	Human
Reactivity Notes	Mouse, Rat (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EPDVVVKRQEALAAARLKMQEELNAQVEKHKEKLKQLEEEKRRQKIEMWDSMQEGKSYKGNAKKPQEEDSPGPSTSSVLKRKSDRKPLRGGGYNPLSGEGGGACSWRPGR

Product Application Details

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

Images

Staining of human cell line U-251 MG shows localization to endoplasmic reticulum.	
Immunohistochemistry-Paraffin: SELS Antibody [NBP1-89558] - Staining of human tonsil shows strong cytoplasmic positivity in a small subset of germinal center cells.	
Immunohistochemistry-Paraffin: SELS Antibody [NBP1-89558] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.	
Immunohistochemistry-Paraffin: SELS Antibody [NBP1-89558] - Staining of human skeletal muscle shows no positivity in myocytes as expected.	

Immunohistochemistry-Paraffin: SELS Antibody [NBP1-89558] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.	
Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-SELENOS antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.	
Analysis in human cell line HEK 293.	

Publications

Touat-Hamici Z, Legrain Y, Bulteau AL et al. Selective Up-regulation of Human Selenoproteins in Response to Oxidative Stress. J Biol Chem 2014-05-23 [PMID: 24706762] (WB, Human)

Bubenik JL, Miniard AC, Driscoll DM. Alternative Transcripts and 3UTR Elements Govern the Incorporation of Selenocysteine into Selenoprotein S. PLoS One 2013-01-01 [PMID: 23614019] (ICC/IF, WB)

Paavilainen L, Edvinsson A, Asplund A et al. The impact of tissue fixatives on morphology and antibody-based protein profiling in tissues and cells. J Histochem Cytochem 2010-03-01 [PMID: 19901271]

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Products Related to NBP1-89558

NBP1-89558PEP	SELS Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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