

Product Datasheet

Schlafen 11 Antibody - BSA Free NBP1-92368

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: 3

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NBP1-92368

Schlafen 11 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

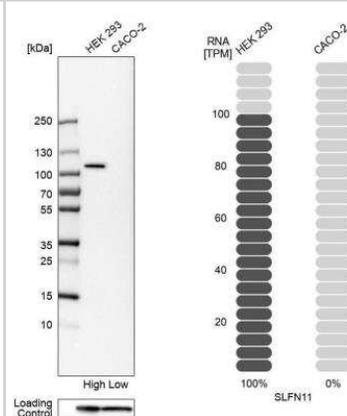
Product Description	
Description	Novus Biologicals Rabbit Schlafen 11 Antibody - BSA Free (NBP1-92368) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-Schlafen 11 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	91607
Gene Symbol	SLFN11
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: REVLGCAKENVDPDSLRRKIEQAIYKLPCVHFCQPQRPIFTLTKIVDVLKRGELY GYACMIRVNPFCFAVFSEAPNSWI

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. See Simple Western Antibody Database for Simple Western validation: Tested in MOLT-4, HEK 239T, separated by Size, antibody dilution of 1:20, apparent MW was 102 kDa

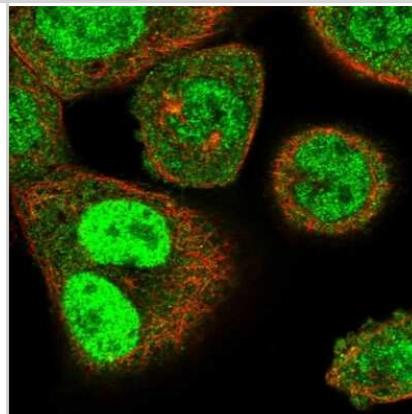


Images

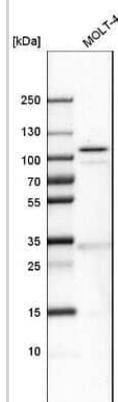
Western Blot: Schlafen 11 Antibody [NBP1-92368] - Analysis in human cell lines HEK293 and Caco-2 using anti-SLFN11 antibody. Corresponding SLFN11 RNA-seq data are presented for the same cell lines. Loading control: anti-COX411.



Immunocytochemistry/Immunofluorescence: Schlafen 11 Antibody [NBP1-92368] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



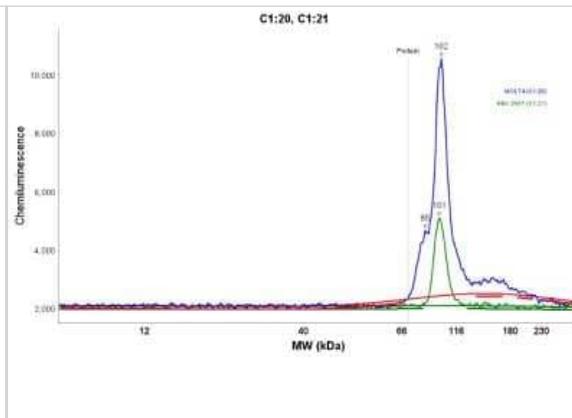
Western Blot: Schlafen 11 Antibody [NBP1-92368] - Analysis in human cell line MOLT-4.



Simple Western: Schlafen 11 Antibody [NBP1-92368] - Simple Western lane view shows a specific band for SLFN11 in 0.2 mg/ml of MOLT-4 (left), HEK 239T (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Schlafen 11 Antibody [NBP1-92368] -
 Electropherogram image(s) of corresponding Simple Western lane view.
 Schlafen 8 antibody was used at 1:20 dilution on MOLT-4 and HEK 239T
 lysate(s).



Publications

Kim ET, Dybas JM, Kulej K, et al. Comparative proteomics identifies Schlafen 5 (SLFN5) as a herpes simplex virus restriction factor that suppresses viral transcription *Nature microbiology* 2021-02-01 [PMID: 33432153]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Li M, Kao E, Gao X et al. Codon-usage-based inhibition of HIV protein synthesis by human schlafen 11. *Nature* 2012-11-01 [PMID: 23000900]



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Products Related to NBP1-92368

NBP1-92368PEP	Schlafen 11 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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