

Product Datasheet

SEC62 Antibody - BSA Free

NBP1-84045

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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Updated 12/2/2025 v.20.1

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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

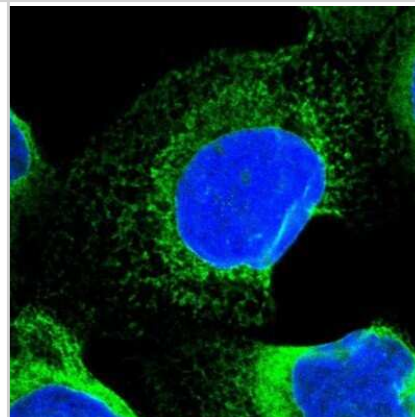
Product Description	
Description	Novus Biologicals Rabbit SEC62 Antibody - BSA Free (NBP1-84045) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SEC62 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7095
Gene Symbol	SEC62
Species	Human, Canine
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 26634806).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GGRHHFWFLPNLTADVGFIDSRPLYTHEYKGPKADLKKDEKSETKKQKSDS EEKSDSEKKEDDEEGKVGPGNHGTEGSGGERHSDTDSRREDDRSQHSSGN GNDFEMITKEELEQQTDGDCCEEDDEEEENDGETPKSS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, 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.



Images

Immunocytochemistry/Immunofluorescence: SEC62 Antibody [NBP1-84045] - Staining of human cell line A-431 shows positivity in endoplasmic reticulum. Antibody staining is shown in green.



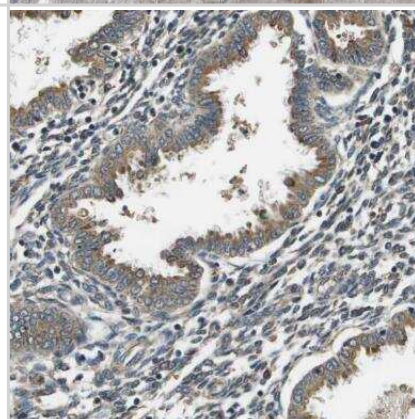
Immunohistochemistry-Paraffin: SEC62 Antibody [NBP1-84045] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



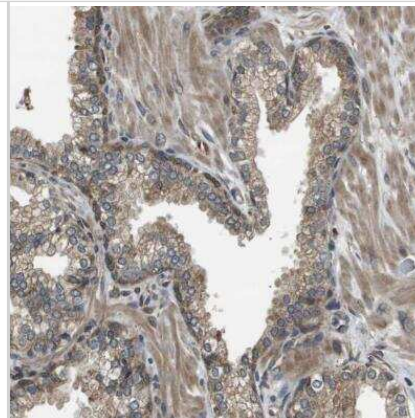
Immunohistochemistry-Paraffin: SEC62 Antibody [NBP1-84045] - Staining of human skeletal muscle shows weak cytoplasmic positivity in myocytes.



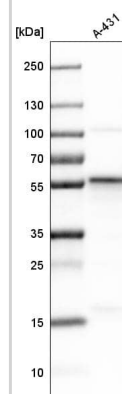
Immunohistochemistry-Paraffin: SEC62 Antibody [NBP1-84045] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: SEC62 Antibody [NBP1-84045] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



Analysis in human cell line A-431.



Publications

Coll C, Monaco M, Holkham J et al. ER-phagy and proteostasis defects prime pancreatic epithelial state changes in KRAS-mediated oncogenesis. *Developmental cell* 2025-08-13 [PMID: 40816286]

Kennedy A, Ren HY, Madden VJ, Cyr DM. Lysosome docking to WIPI1 rings and ER-connected phagophores occurs during DNAJB12- and GABARAP-dependent selective autophagy of misfolded P23H-rhodopsin *Molecular Biology of the Cell* 2022-08-01 [PMID: 35704470] (Western Blot)

Lihua H, Andrew K, Scott H et al. DNAJB12 and Hsp70 Triage Arrested Intermediates of N1303K-CFTR for ER Associated-Autophagy. *Mol Biol Cell*. 2021-02-03 [PMID: 33534640] (Western Blot)

Ishii S, Chino H, Ode KL et al. CCPG1 recognizes ER luminal proteins for selective ER-phagy *Molecular biology of the cell* 2023-02-03 [PMID: 36735498] (WB, Human)

Chino, H;Hatta, T;Natsume, T;Mizushima, N; Intrinsically Disordered Protein TEX264 Mediates ER-phagy *Mol. Cell* 2019-04-11 [PMID: 31006538] (WB, Human)

Bhalchandra Jadhav, Michael McKenna, Nicholas Johnson et al. Mammalian SRP receptor switches the Sec61 translocase from Sec62 to SRP-dependent translocation. *Nature Communications* 2015-01-01 [PMID: 26634806] (WB, Canine)

Hagerstrand D, Tong A, Schumacher SE et al. Systematic interrogation of 3q26 identifies TLOC1 and SKIL as cancer drivers. *Cancer Discov* 2013-09-01 [PMID: 23764425] (WB)



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Products Related to NBP1-84045

NBP1-84045PEP	SEC62 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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