

Product Datasheet

SMG9 Antibody - BSA Free

NBP2-13354

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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Updated 9/9/2025 v.20.1

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NBP2-13354

SMG9 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

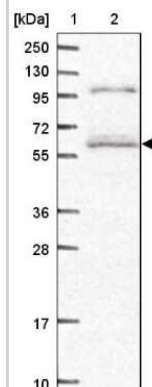
Product Description	
Description	Novus Biologicals Rabbit SMG9 Antibody - BSA Free (NBP2-13354) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SMG9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56006
Gene Symbol	SMG9
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: SLYRFLQTAEMVKPSTPSPSHSSSSSGSDEGTEYYPHLVFLQNKARREDFCP RKLRQMHLMIDQLMAHSHLRYKGTLSMLQCNV

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. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

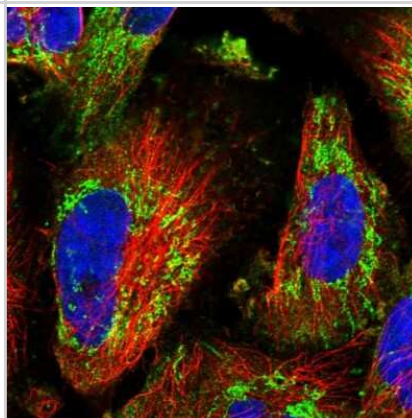


Images

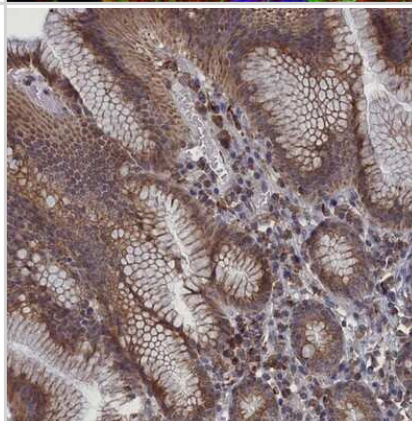
Western Blot: SMG9 Antibody [NBP2-13354] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4



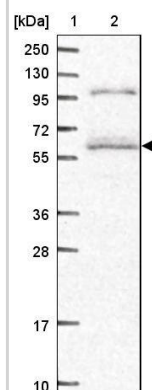
Immunocytochemistry/Immunofluorescence: SMG9 Antibody [NBP2-13354] - Immunofluorescent staining of human cell line U-251 MG shows localization to cytosol & mitochondria.



Immunohistochemistry-Paraffin: SMG9 Antibody [NBP2-13354] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10
Lane 2: Human cell line RT-4



Publications

Han L, Bai L, Fang X et al. SMG9 drives ferroptosis by directly inhibiting GPX4 degradation Biochemical and biophysical research communications 2021-06-16 [PMID: 34146907]



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Products Related to NBP2-13354

NBP2-13354PEP	SMG9 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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