

Product Datasheet

GRP75/HSPA9B/Mortalin Antibody - BSA Free NBP1-89729

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 12/2/2025 v.20.1

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NBP1-89729**GRP75/HSPA9B/Mortalin Antibody - BSA Free**

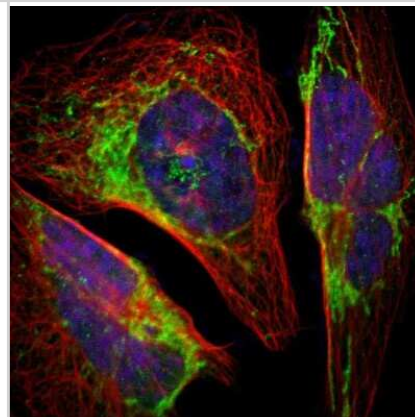
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit GRP75/HSPA9B/Mortalin Antibody - BSA Free (NBP1-89729) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GRP75/HSPA9B/Mortalin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3313
Gene Symbol	HSPA9
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25379943).
Marker	Immortalization Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GIVHVSADKDKGTGREQQIVIQSSGGLSKDDIENMVKNAEKYAEEDRRKKERVE AVNMAEGIIHDTETKMEEFKDQLPADECNKLKEEISKMRELLARKDSETGENIR QAASSLQQASLKLFFEMAYKKMASEREGSGSSGT

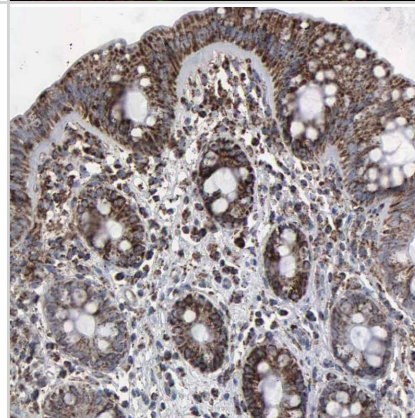
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

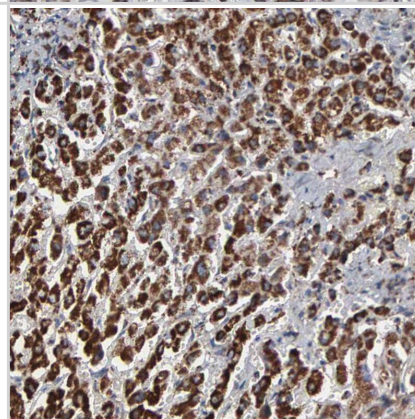
Immunocytochemistry/Immunofluorescence: GRP75/HSPA9B/Mortalin Antibody [NBP1-89729] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



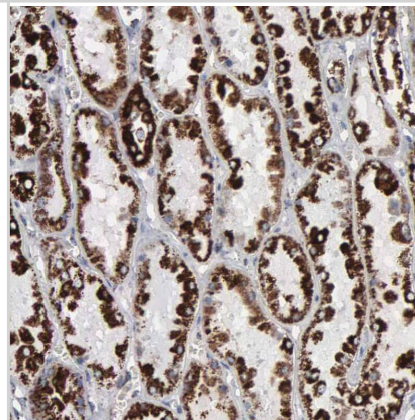
Staining of human colon shows strong positivity in mitochondria in glandular cells.



Staining of human liver shows strong positivity in mitochondria in hepatocytes.



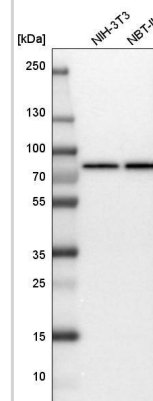
Staining of human kidney shows strong positivity in mitochondria in cells in tubules.



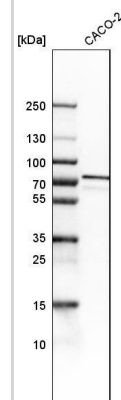
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody [NBP1-89729] - Staining of human cerebral cortex shows strong positivity in mitochondria in neurons.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell line CACO-2.



Publications

Morisaki T, Yashiro M, Kakehashi A, et al. Comparative Proteomics Analysis of Gastric Cancer Stem Cells PLoS One. 2014-11-07 [PMID: 25379943] (IF/IHC, Human)

Details:

Chorein/VPS13A antibody used for IHC- P at 1:500 dilution on gastric cancer tissue specimens - antigen retrieval for 10 minutes at 105C by autoclave in Target Retrieval Solution, endogenous peroxidase blocked with 3%H₂O₂, On/4C incubation for primary, streptavidin-peroxidase-DAB detection (Figure 3).



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Products Related to NBP1-89729

NBP1-89729PEP	GRP75/HSPA9B/Mortalin 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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