

# Product Datasheet

## GRP75/HSPA9B/Mortalin Antibody NBP1-31596

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP1-31596**

GRP75/HSPA9B/Mortalin Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol, 1% BSA
<b>Target Molecular Weight</b>	74 kDa

**Product Description**

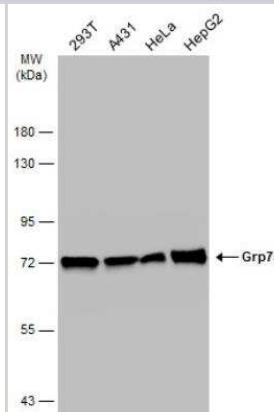
<b>Description</b>	Novus Biologicals Rabbit GRP75/HSPA9B/Mortalin Antibody (NBP1-31596) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3313
<b>Gene Symbol</b>	HSPA9
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (87%).
<b>Marker</b>	Immortalization Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human GRP75/HSPA9B/Mortalin. The exact sequence is proprietary.

**Product Application Details**

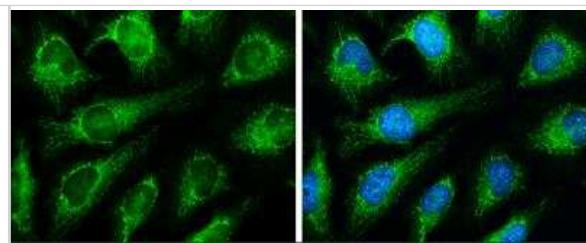
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

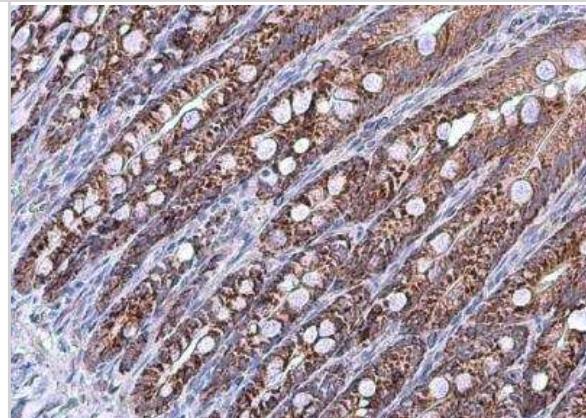
Western Blot: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Grp75 antibody diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



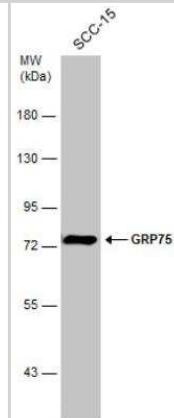
Immunocytochemistry/Immunofluorescence: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Grp75 stained by Grp75 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



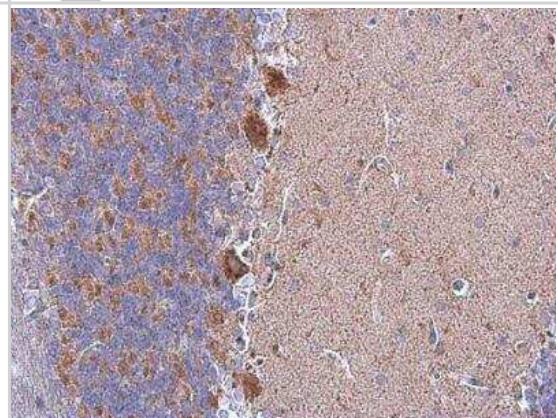
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - Rat duodenum. Grp75 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



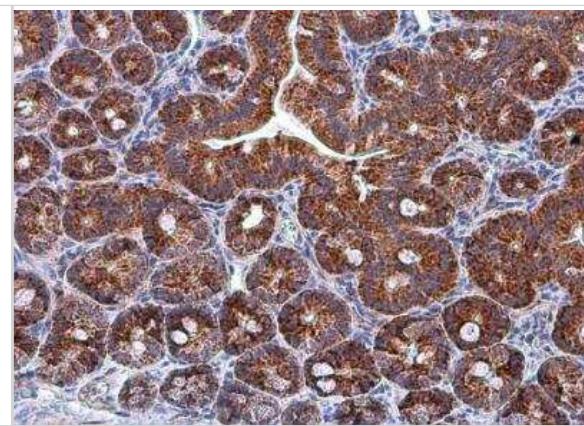
Western Blot: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - Whole cell extract (6 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with GRP75 antibody diluted at 1:500.



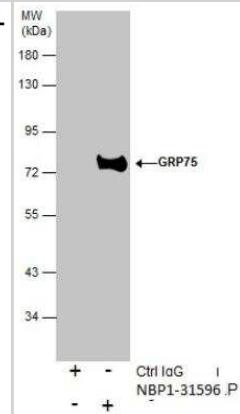
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - Rat brain. Grp75 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



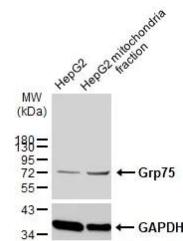
Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - Mouse duodenum. Grp75 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



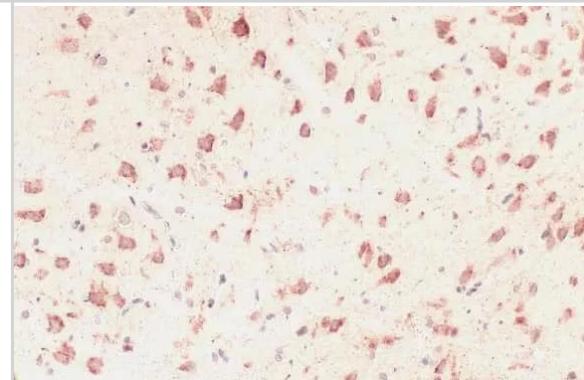
Immunoprecipitation: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - Immunoprecipitation of GRP75 protein from HepG2 whole cell extracts using 5 ug of GRP75 antibody. Western blot analysis was performed using GRP75 antibody diluted at 1:2500. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



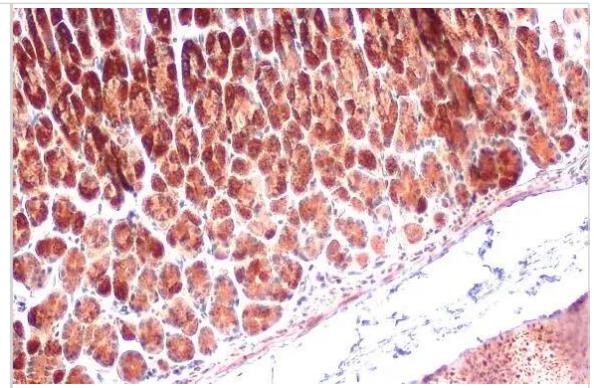
Western Blot: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - HepG2 and mitochondria extracts (30 ug) were separated by SDS-PAGE, and the membrane was blotted with GRP75/HSPA9B/Mortalin antibody (NBP1-31596) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - GRP75/HSPA9B/Mortalin antibody detects GRP75/HSPA9B/Mortalin protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. GRP75/HSPA9B/Mortalin stained by GRP75/HSPA9B/Mortalin antibody (NBP1-31596) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: GRP75/HSPA9B/Mortalin Antibody [NBP1-31596] - GRP75/HSPA9B/Mortalin antibody detects GRP75/HSPA9B/Mortalin protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse stomach. GRP75/HSPA9B/Mortalin stained by GRP75/HSPA9B/Mortalin antibody (NBP1-31596) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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## Products Related to NBP1-31596

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18380	Recombinant Human GRP75/HSPA9B/Mortalin His Protein

## 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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