

# Product Datasheet

## SPG7 Antibody (HL2236) - Azide and BSA Free NBP3-25694

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-25694**

SPG7 Antibody (HL2236) - Azide and BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Monoclonal                                                                                                       |
| <b>Clone</b>         | HL2236                                                                                                           |
| <b>Preservative</b>  | No Preservative                                                                                                  |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Protein A purified                                                                                               |
| <b>Buffer</b>        | PBS                                                                                                              |

**Product Description**

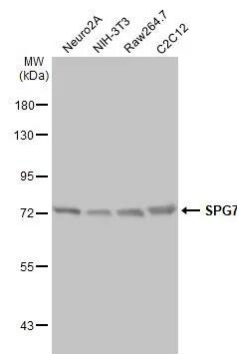
|                    |                                     |
|--------------------|-------------------------------------|
| <b>Host</b>        | Rabbit                              |
| <b>Gene ID</b>     | 6687                                |
| <b>Gene Symbol</b> | SPG7                                |
| <b>Species</b>     | Human, Mouse, Rat                   |
| <b>Immunogen</b>   | Recombinant fragment of human SPG7. |

**Product Application Details**

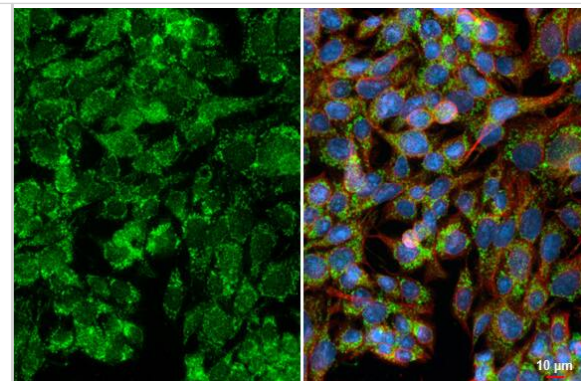
|                              |                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry             |
| <b>Recommended Dilutions</b> | Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:20-1:1000 |

**Images**

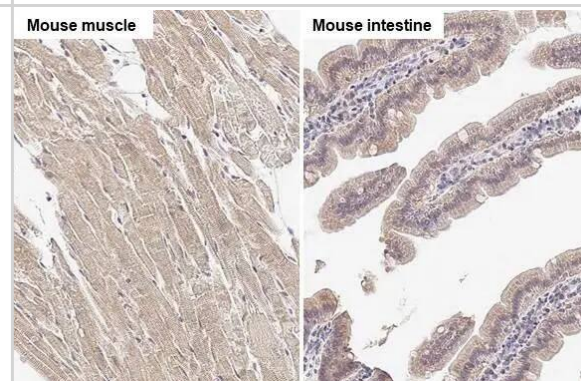
Western Blot: SPG7 Antibody (HL2236) - Azide and BSA Free [NBP3-25694] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SPG7 antibody [HL2236] (NBP3-25694) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



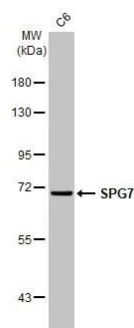
**Immunocytochemistry/Immunofluorescence:** SPG7 Antibody (HL2236) - Azide and BSA Free [NBP3-25694] - SPG7 antibody [HL2236] detects SPG7 protein at mitochondria by immunofluorescent analysis. Sample: HepG2 cells were fixed in ice-cold MeOH for 5 min. Green: SPG7 stained by SPG7 antibody [HL2236] (NBP3-25694) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI .



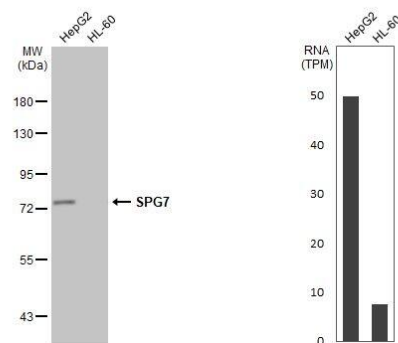
**Immunohistochemistry-Paraffin:** SPG7 Antibody (HL2236) - Azide and BSA Free [NBP3-25694] - SPG7 antibody [HL2236] detects SPG7 protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. SPG7 stained by SPG7 antibody [HL2236] (NBP3-25694) diluted at 1:20. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot:** SPG7 Antibody (HL2236) - Azide and BSA Free [NBP3-25694] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with SPG7 antibody [HL2236] (NBP3-25694) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



**Western Blot:** SPG7 Antibody (HL2236) - Azide and BSA Free [NBP3-25694] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SPG7 antibody [HL2236] (NBP3-25694) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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**Products Related to NBP3-25694**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00006687-Q01-10ug | Recombinant Human SPG7 GST (N-Term) Protein         |

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**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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