

Product Datasheet

NEU2 Antibody - BSA Free NBP2-21649

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-21649

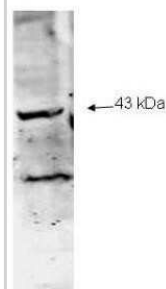
NEU2 Antibody - BSA Free

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Product Description | |
| Description | <p>This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> |
| Host | Rabbit |
| Gene ID | 4759 |
| Gene Symbol | NEU2 |
| Species | Human |
| Reactivity Notes | This antibody reacts with human NEU2. Based on sequence we expect this antibody to react with neuraminidase from other sources, although specific reactivity has not been confirmed. Cross-reactivity against Neu1 has not yet been established. |
| Specificity/Sensitivity | This antibody reacts with human NEU2. Based on sequence we expect this antibody to react with neuraminidase from other sources, although specific reactivity has not been confirmed. Cross-reactivity against Neu1 has not yet been established. |
| Immunogen | This affinity purified NEU2 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal portion near aa 100-125 of Human NEU2. (Uniprot: Q9Y3R4) |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:2000, ELISA 1:10000-1:50000, Immunohistochemistry, Immunoprecipitation |
| Application Notes | This product is has been tested by western blot and ELISA and suitable for immunocytochemistry and immunoprecipitation, transfected cell culture, and primary cell culture. A single band of the expected apparent molecular weight (43 kDa) was observed at a 1:500 dilution incubated for 1 h at room temperature. A second lower molecular weight band may represent a truncated form of this protein. Neuraminidase is not very abundant in most tissues and its detection using this antibody may require further optimization. Researchers should determine optimal titers for other applications. |



Images

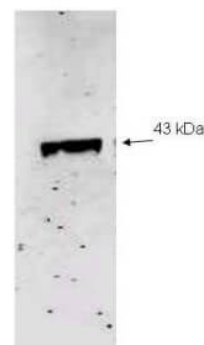
Western Blot: NEU2 Antibody [NBP2-21649] - Affinity Purified anti-Neu2 antibody to detect Neu-2 present in a lysate expressing human Neu2. Molecular weight marker indicates a band of the expected MW. The reactive lower molecular weight band is believed to represent a truncated form of this protein. The blot was incubated with a 1:500 dilution of the antibody at room temperature for 1 h followed by detection using InfraRed 800 labeled Goat-a-Rabbit IgG (H+L) diluted 1:1,000. InfraRed 800 fluorescence image was captured using the Infrared Imaging System Other detection systems will yield similar results.



Western Blot: NEU2 Antibody [NBP2-21649] - Affinity Purified anti-Neu2 antibody to detect recombinant His tagged Neu-2. Molecular weight marker indicates a single band of the expected MW. The blot was incubated with a 1:500 dilution of the antibody at room temperature for 1 h followed by detection using InfraRed Dye 800 labeled Goat-a-Rabbit IgG [H+L] diluted 1:1000. Other detection systems will yield similar results.



Western blot analysis using Immunochemical's Affinity Purified anti-Neu2 antibody to detect recombinant His tagged Neu-2 (1.0 ug loaded). Molecular weight marker (not shown) indicates a single band of the expected MW (43 kDa). The blot was incubated with a 1:500 dilution of the antibody at room temperature for 1 h followed by detection using IRDye800 labeled Goat-a-Rabbit IgG [H&L] () diluted 1:1,000. IRDye800 fluorescence image was captured using the Odyssey(R) Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.





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Products Related to NBP2-21649

| | |
|--------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00004759-Q01-10ug | Recombinant Human NEU2 GST (N-Term) 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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