

Product Datasheet

GAPDH Antibody (1D4) [HRP] NB300-221H

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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NB300-221H

GAPDH Antibody (1D4) [HRP]

Product Information

| | |
|----------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 1D4 |
| Preservative | No Preservative |
| Isotype | IgM |
| Conjugate | HRP |
| Purity | Immunogen affinity purified |
| Buffer | PBS |

Product Description

| | |
|-------------------------|--|
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Mouse |
| Gene ID | 2597 |
| Gene Symbol | GAPDH |
| Species | Human, Mouse, Rat, Porcine, Avian, Bovine, Canine, Chicken, Chinese Hamster, Drosophila, Equine, Feline, Hamster, Opossum, Primate, Rabbit, Sheep, Zebrafish |
| Reactivity Notes | Likely to react with other mammals as well. Hamster, zebrafish and feline reactivity reported by customer reviews. Chicken, rabbit, and Chinese hamster reactivity reported in scientific literature (PMID: 24725420, 17545481, and 24928958 respectively). Drosophila reactivity reported in scientific literature (PMID: 32878003) |
| Marker | Cytosolic Marker |
| Immunogen | This GAPDH antibody was developed against full length purified porcine GAPDH [UniProt# P00355] |

Product Application Details

| | |
|------------------------------|---|
| Applications | Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated, Single Cell Western |
| Recommended Dilutions | Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation (ChIP), Single Cell Western, Knockdown Validated |

Application Notes

This GAPDH Antibody (1D4) is useful for Western blot and Immunocytochemistry/Immunofluorescence. Immunohistochemistry was reported in scientific literature. In WB a prominent band can be seen at approximately 38 kDa. This antibody makes an excellent loading control for Western blot experiments. Use in immunoprecipitation reported in scientific literature (PMID 24032460). Use in chromatin immunoprecipitation reported in scientific literature (PMID 25802280).

In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.

The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.



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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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