

# Product Datasheet

## Thimet Oligopeptidase/THOP1 Antibody (4D6) - Azide and BSA Free NBP2-80977

Unit Size: 0.1 ml

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

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**NBP2-80977**

Thimet Oligopeptidase/THOP1 Antibody (4D6) - Azide and BSA Free

| Product Information     |                                                              |
|-------------------------|--------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                       |
| Concentration           | 1.54 mg/ml                                                   |
| Storage                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                   |
| Clone                   | 4D6                                                          |
| Preservative            | No Preservative                                              |
| Isotype                 | IgG2b                                                        |
| Purity                  | Protein A purified                                           |
| Buffer                  | Tris-Glycine, 0.15 M NaCl                                    |
| Target Molecular Weight | 80 kDa                                                       |

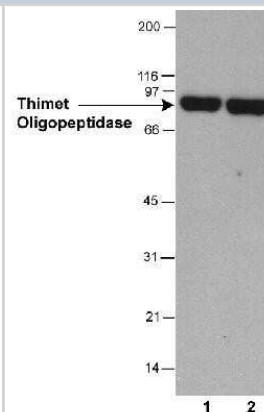
| Product Description |                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse Thimet Oligopeptidase/THOP1 Antibody (4D6) - Azide and BSA Free (NB400-146) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                                     |
| Gene ID             | 7064                                                                                                                                                                                                                                      |
| Gene Symbol         | THOP1                                                                                                                                                                                                                                     |
| Species             | Human, Mouse, Rat, Primate, Rabbit                                                                                                                                                                                                        |
| Immunogen           | A synthetic peptide corresponding to residues 56-72 of human Thimet Oligopeptidase. [UniProt# P52888]                                                                                                                                     |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot 1:750-1:3000, Immunohistochemistry 1:400, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes           | This Thimet Oligopeptidase (4D6) antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry on paraffin-embedded sections and Western blot, where a band is seen at ~80 kDa. For IHC-P, this antibody has been tested in human, monkey, and rat brain and testis. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. 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. |

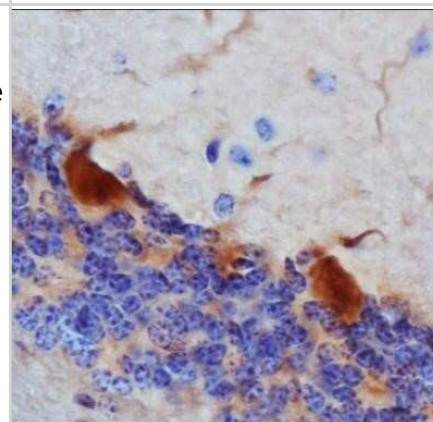


## Images

Western Blot: Thimet Oligopeptidase/THOP1 Antibody (4D6) - Azide and BSA Free [NBP2-80977] - Detection of thimet oligopeptidase antibody in HeLa whole cell lysate (30 ug) using NB400-146. Lane 1: 0.5 ug/ml; lane 2: 2 ug/ml. 1 minute ECL exposure. Image from the standard format of this antibody.



Immunohistochemistry: Thimet Oligopeptidase/THOP1 Antibody (4D6) - Azide and BSA Free [NBP2-80977] - Analysis of Thimet Oligopeptidase in mouse brain using DAB with hematoxylin counterstain. Image from the standard format of this antibody.





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### **Products Related to NBP2-80977**

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|               |                                                         |
|---------------|---------------------------------------------------------|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231    | Mouse IgG2b Isotype Control (MPC-11)                    |
| NBP2-55258PEP | Thimet Oligopeptidase/THOP1 Recombinant Protein Antigen |

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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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