

# Product Datasheet

## UCP1 Antibody (1345) - Azide and BSA Free NBP2-43551

Unit Size: 0.1 ml

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

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**NBP2-43551**

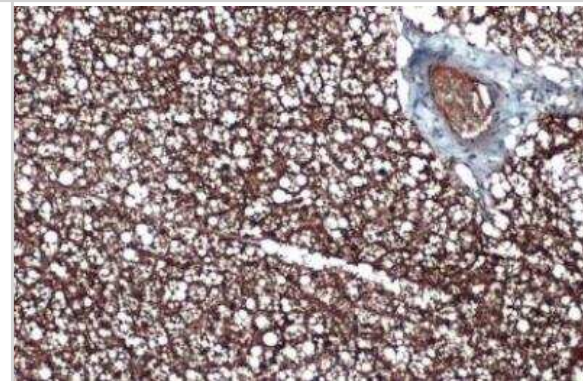
UCP1 Antibody (1345) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                       |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                             |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                 |
| Clonality                   | Monoclonal                                                                                                                                                                                                   |
| Clone                       | 1345                                                                                                                                                                                                         |
| Preservative                | No Preservative                                                                                                                                                                                              |
| Isotype                     | IgG2a                                                                                                                                                                                                        |
| Purity                      | Protein A purified                                                                                                                                                                                           |
| Buffer                      | PBS, 20% Glycerol                                                                                                                                                                                            |
| Target Molecular Weight     | 33 kDa                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                              |
| Description                 | Novus Biologicals Mouse UCP1 Antibody (1345) - Azide and BSA Free (NBP2-43551) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse                                                                                                                                                                                                        |
| Gene ID                     | 7350                                                                                                                                                                                                         |
| Gene Symbol                 | UCP1                                                                                                                                                                                                         |
| Species                     | Mouse                                                                                                                                                                                                        |
| Reactivity Notes            | Rat (80%), Rabbit (86%), Sheep (83%), Bovine (83%).                                                                                                                                                          |
| Immunogen                   | Recombinant protein encompassing a sequence within the center region of human UCP1. The exact sequence is proprietary.                                                                                       |
| Product Application Details |                                                                                                                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                                                                                                            |
| Recommended Dilutions       | Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunohistochemistry-Paraffin Assay dependent                                                                                               |

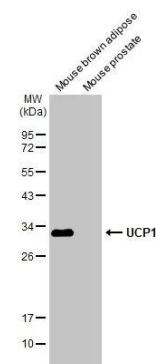


## Images

Immunohistochemistry-Paraffin: UCP1 Antibody (1345) [NBP2-43551] - UCP1 antibody [GT1345] detects UCP1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brown adipocyte. UCP1 stained by UCP1 antibody [GT1345] diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: UCP1 Antibody (1345) [NBP2-43551] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with UCP1 antibody [GT1345] (NBP2-43551) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-43551**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778         | Mouse IgG2a Isotype Control (M2A)                       |
| H00007350-Q01-10ug | Recombinant Human UCP1 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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