

# Product Datasheet

## Aromatase Antibody (5C5N7)

### NBP3-15438-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15438-100ul****Aromatase Antibody (5C5N7)**

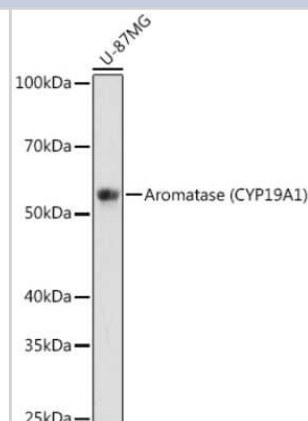
| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | 5C5N7                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Purity              | Affinity purified                                                                           |
| Buffer              | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                       |

| Product Description |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                                                                                                           |
| Gene ID             | 1588                                                                                                                                                                                                             |
| Gene Symbol         | CYP19A1                                                                                                                                                                                                          |
| Species             | Human                                                                                                                                                                                                            |
| Immunogen           | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Aromatase (P11511).<br>MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYEGTSSIPGPGYCM<br>GIGPLISHGRFLWMGIGSACNYYNRVYGEFMRVWISGEETLIISK |

| Product Application Details |                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                       |
| Recommended Dilutions       | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |

**Images**

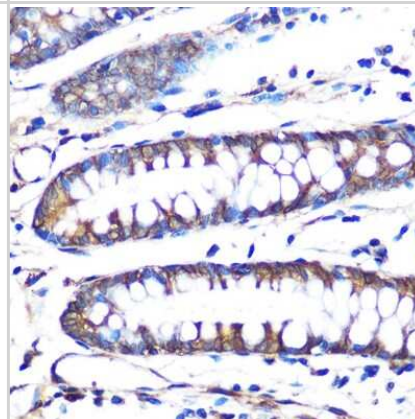
Western Blot: Aromatase Antibody (5C5N7) [NBP3-15438] - Western blot analysis of extracts of U-87MG cells, using Aromatase antibody (NBP3-15438) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



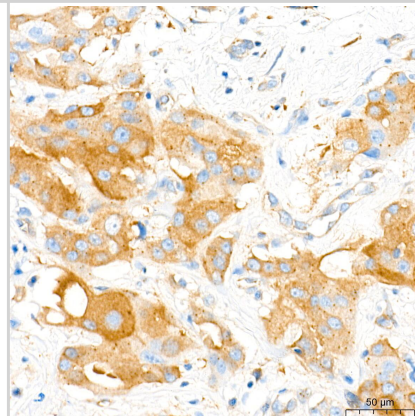
Immunohistochemistry: Aromatase Antibody (5C5N7) [NBP3-15438] - Immunofluorescence analysis of human placenta using Aromatase Rabbit mAb (NBP3-15438) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



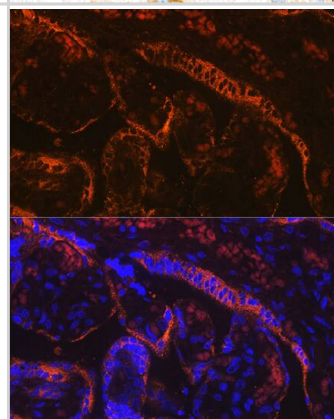
Immunohistochemistry-Paraffin: Aromatase Antibody (5C5N7) [NBP3-15438] - Human colon using Aromatase Rabbit mAb (NBP3-15438) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



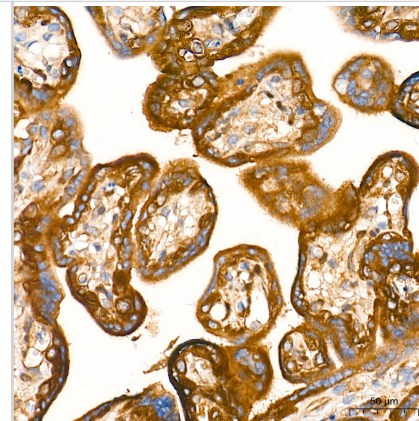
Immunohistochemistry: Aromatase Antibody (5C5N7) [Aromatase] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Aromatase Rabbit mAb at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Aromatase Antibody (5C5N7) [Aromatase] - Immunofluorescence analysis of paraffin-embedded human placenta using Aromatase Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: Aromatase Antibody (5C5N7) [Aromatase] - Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using Aromatase Rabbit mAb at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





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### **Products Related to NBP3-15438-100ul**

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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                          |
| NB100-1596PEP | Aromatase Antibody Blocking Peptide                 |

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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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