

Product Datasheet

PIWIL1/HIWI Antibody (0H5A4)

NBP3-16200-100ul

Unit Size: 100 ul

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

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NBP3-16200-100ul

PIWIL1/HIWI Antibody (0H5A4)

| 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 | 0H5A4 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.3), 50% glycerol, 0.05% BSA |

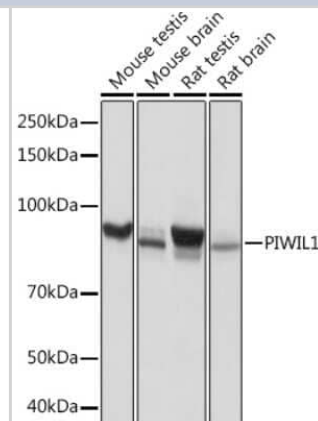
| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Rabbit PIWIL1/HIWI Antibody (0H5A4) (NBP3-16200) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 9271 |
| Gene Symbol | PIWIL1 |
| Species | Mouse, Rat |
| Immunogen | A synthetic peptide corresponding to a sequence within amino acids 700-800 of human PIWIL1/HIWI (Q96J94). YRDGVGDGQLKTLVNYEVPQFLDCLKSIGRGNPRLTVIVVKKRVNTRFFAQS GGRLQNPLPGTVIDVEVTRPEWYDFFIVSQAVRSGSVSPHYNVIYDN |

| Product Application Details | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin |

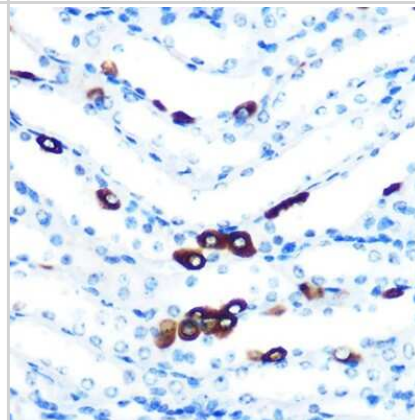


Images

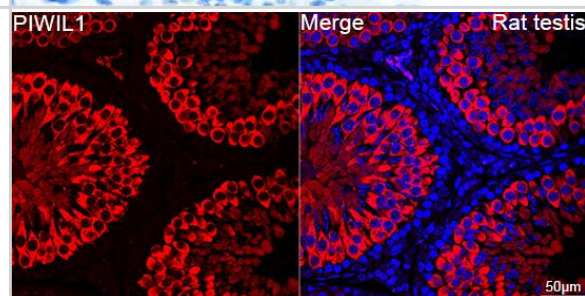
Western Blot: PIWIL1/HIWI Antibody (0H5A4) [NBP3-16200] - Western blot analysis of extracts of various cell lines, using PIWIL1/HIWI Rabbit mAb (NBP3-16200) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



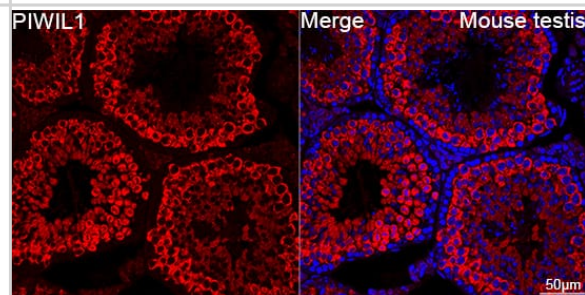
Immunohistochemistry-Paraffin: PIWIL1/HIWI Antibody (0H5A4) [NBP3-16200] - Immunohistochemistry of paraffin-embedded mouse kidney using PIWIL1/HIWI Rabbit mAb (NBP3-16200) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence: PIWIL1/HIWI Antibody (0H5A4) [NBP3-16200] - Confocal imaging of paraffin-embedded Rat testis using PIWIL1/HIWI Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: PIWIL1/HIWI Antibody (0H5A4) [NBP3-16200] - Confocal imaging of paraffin-embedded Mouse testis using PIWIL1/HIWI Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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Products Related to NBP3-16200-100ul

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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