

# Product Datasheet

## Brain Cerebral Cortex Tissue Slides (Adult Normal)- Frozen NBP2-77523

Unit Size: 5 Slides

Store at -70C. Avoid freeze-thaw cycles.

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**NBP2-77523****Brain Cerebral Cortex Tissue Slides (Adult Normal)- Frozen**

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 5 Slides  |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.  |
| <b>Storage</b>                     | Store at -70C. Avoid freeze-thaw cycles.  |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | <p>Frozen tissue slides are ideal for rapid cellular localization of RNA and protein expression, especially for antibodies that don't recognize paraffin embedded tissue.</p> <p>Tissues were snap frozen in liquid nitrogen immediately after excision, and embedded in OCT. The tissue sections are 5-10um in thickness, mounted on positively charged glass slides, and fixed by cold acetone. At least one of the tissue slides from each lot was stained with H &amp; E for quality assurance.</p> |
| <b>Species</b>                     | Human   |
| <b>Notes</b>                       | Donor information available upon request  |
| <b>Lysate Type</b>                 | Tissue  |
| <b>Lysate Tissue</b>               | Brain   |
| <b>Lysate Tissue Condition</b>     | Normal  |
| <b>Lysate Life Stage</b>           | Adult   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Immunohistochemistry, Immunohistochemistry-Frozen, In-situ Hybridization  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry, Immunohistochemistry-Frozen, In-situ Hybridization  |
| <b>Application Notes</b>           | Each individual tissue spot should be >90% core retention and total core lost from 1 slide should be no more than 5%  |

**Publications**

Papes F, Camargo AP, de Souza JS et al. Transcription Factor 4 loss-of-function is associated with deficits in progenitor proliferation and cortical neuron content Nature communications 2022-05-02 [PMID: 35501322] (IHC-Fr, Human)

Details:  
Fig. 2f and Fig. 7e





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### **Products Related to NBP2-77523**

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|             |  |
|-------------|--|
| NB820-59182 | Human Brain Cerebral Cortex Whole Tissue Lysate (Adult Whole Normal) |
|-------------|--|

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Slides are guaranteed for 3 months from date of receipt.

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