

# Product Datasheet

## Human Brain Cerebellum Whole Tissue Lysate (Adult Whole Normal) NB820-59180

Unit Size: 1 mg

Store at -80C. Avoid freeze-thaw cycles.

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**NB820-59180****Human Brain Cerebellum Whole Tissue Lysate (Adult Whole Normal)**

<b>Product Information</b>	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	5.0 mg/ml
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	HEPES (pH 7.9), MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors

<b>Product Description</b>	
<b>Description</b>	We recommend adding 1 x sample buffer with 5% BME (or other reducing agent) prior to use.
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Total Protein - Human Adult Normal Tissue: Brain: Cerebellum (left)
<b>Lysate Type</b>	Tissue
<b>Lysate Tissue</b>	Brain
<b>Lysate Tissue Condition</b>	Normal
<b>Lysate Life Stage</b>	Adult
<b>Lysate Protein State</b>	Native
<b>Lysate Subcellular Fraction</b>	Whole

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	Western Blot, Immunoprecipitation, Electrophoresis, Enzymatic activity analysis, Protein-protein interaction, Tissue specific expression

**Publications**

Claudio Peter D'Incal, Elisa Cappuyns, Kaoutar Choukri, Kevin De Man, Kristy Szrama, Anthony Konings, Lina Bastini, Kim Van Meel, Amber Buys, Michele Gabriele, Ludovico Rizzuti, Alessandro Vitriolo, Giuseppe Testa, Fabio Mohn, Marc Bühler, Nathalie Van der Aa, Anke Van Dijck, R. Frank Kooy, Wim Vanden Berghe Tracing the invisible mutant ADNP protein in Helsmoortel-Van der Aa syndrome patients Scientific Reports 2024-06-26 [PMID: 38926592]

Elena Silva, Véronique Ferchaud-Roucher, Anita Kramer, Lana Madi, Priyadarshini Pantham, Stephanie Chassen, Thomas Jansson, Theresa L. Powell Oleic acid stimulation of amino acid uptake in primary human trophoblast cells is mediated by phosphatidic acid and mTOR signaling FASEB BioAdvances 2023-11-14 [PMID: 38223199]

Dong YN, Hsu FC, Koziol-White CJ et al. Functional NMDA receptors are expressed by human pulmonary artery smooth muscle cells Scientific reports 2021-04-15 [PMID: 33859248] (Human)

Bergeron D, Lapointe C, Bissonnette C et al. An Out-of-frame Overlapping Reading Frame in the Ataxin-1 Coding Sequence Encodes a Novel Ataxin-1 Interacting Protein. J Biol Chem 2013-06-12 [PMID: 23760502] (WB)





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### **Products Related to NB820-59180**

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NBP1-31362	LDB1 Antibody
NBP2-77521	Brain Cerebellum Tissue Slides (Adult Normal Left)- Frozen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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