

# Product Datasheet

## PC12 Hypoxic / Normoxic Cell Lysate NBP3-11859

Unit Size: 2 Vials

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-11859****PC12 Hypoxic / Normoxic Cell Lysate**

<b>Product Information</b>	
<b>Unit Size</b>	2 Vials
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	The protein lysate is prepared in 1x Laemmli sample buffer with BME. Boiling before loading is not necessary.
<b>Product Description</b>	
<b>Preparation Method</b>	PC12 cells are grown under standard tissue culture conditions until semi-confluent (70-80%). The cells are either grown under normoxic conditions or true hypoxic conditions where the oxygen level in the incubator is reduced to 2% for 4 hours. The cells are then washed in PBS and directly lysed into 1X Laemmli sample buffer with BME. The lysate is sonicated and tested by Western blot
<b>Lysate Type</b>	Cell
<b>Lysate Subcellular Fraction</b>	Hypoxic / Normoxic
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page
<b>Recommended Dilutions</b>	SDS-Page 10 ul / lane
<b>Application Notes</b>	PC12 whole cell lysate is provided as a Western blot positive control. The lysates are provided as a set of treated and untreated samples. Use 10 ul per lane for a standard mini-gel blot (1.0 mg/ml).



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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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