

## Rat Brain Membrane Lysate

Cat. No. Brain-48R    Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Rat
<b>Source</b>	Rat Brain
<b>Concentration</b>	2 mg/mL or better
<b>Tissue Type</b>	Brain
<b>Shipping</b>	Dry ice
<b>Preparation method</b>	<p>Rat brain tissue membrane protein lysate was prepared by homogenization using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The rat brain tissue membrane is provided in a buffer including HEPES (pH 7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the brain tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated brain tissue membrane protein is then Western analyzed by either GAPDH or <math>\beta</math>-actin antibody, and the expression level is consistent with each lot.</p>
<b>Diagnosis</b>	Normal
<b>Storage Buffer</b>	HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.

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**Storage Instruction**

Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

**Applications**

Brain membrane lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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