# Rat Brain Membrane Lysate

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

## SPECIFICATION

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| **Product Overview** | |
| **Species** | Rat |
| **Source** | Rat Brain |
| **Concentration** | 2 mg/mL or better |
| **Tissue Type** | Brain |
| **Shipping** | Dry ice |
| **Preparation method** | 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), MgCl2, 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 β-actin antibody, and the expression level is consistent with each lot. |
| **Diagnosis** | Normal |
| **Storage Buffer** | HEPES pH 7.9, MgCl2, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and |

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| | NP-40. |
| **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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