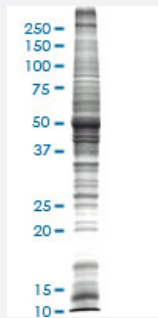


# Rat brain tissue lysate (non-denatured)

Catalog # L041W2      Size 200 ug

## Applications



## Specification

<b>Product Description</b>	Whole tissue lysate (non-denatured).
<b>Tissue</b>	Brain
<b>Host</b>	Rat
<b>Preparation Method</b>	Tissue lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors (Sigma). Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay). The lysate was adjusted to 5 mg/ml.
<b>Lysis Buffer</b>	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Recommend Usage</b>	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
<b>Storage Buffer</b>	In modified RIPA Lysis Buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

## Publication Reference

- [Improved Coomassie Blue Dye-Based Fast Staining Protocol for Proteins Separated by SDS-PAGE.](#)

Majek P, Riedelova-Reicheltova Z, Pecankova K, Dyr JE.

PLoS One 2013 Nov; 8(11):e81696.

Application: WB-Ti, Rat, Brain