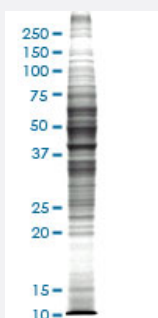


# Rat kidney tissue lysate (non-denatured)

Catalog # L039W2

Size 200 ug

## Applications



## Specification

**Product Description** Whole tissue lysate (non-denatured).

**Tissue** Kidney

**Host** Rat

**Preparation Method** 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.

**Lysis Buffer** 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.

**Quality Control Testing** 12.5% SDS-PAGE Stained with Coomassie Blue.

**Recommend Usage** 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.

**Storage Buffer** In modified RIPA Lysis Buffer.

**Storage Instruction** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)