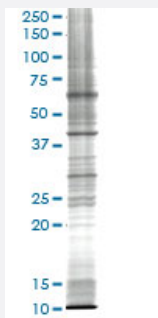


# Rat thymus tissue lysate (denatured)

Catalog # L040W1

Size 200 ug

## Applications



## Specification

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

**Tissue** Thymus

**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 3.75 mg/ml, and then mixed with 5X Sample Buffer to become final 3 mg/ml in 1X Sample Buffer. The lysate was heated at 95°C for 5 min, and cooled rapidly.

**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** The lysate is ready to load on SDS-PAGE for Western blotting.

**Storage Buffer** In ready-to-use 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue).

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

## Applications

- Western Blot