

## Ready-to-Use Hamster Multiple Tissue Western Blot

**Catalog #:** AW-MT-1

**Quantity:** 1 blot

**Storage Conditions:** Store in a sealed bag at 4°C. It is good for several months.

**Applications:** Hamster multiple tissue Western blot can be used to:

- Analyze protein expression pattern in 15 different Multiple (multiple) tissues simultaneously.
- Determine size and relative abundance of specific protein.

**Quality Control:** Every step of preparation of the blot, from harvesting tissues and extraction of protein to the blotting, is carefully monitored to ensure the superior quality and performance.

- Blot is made from high quality tissue lysates that is treated with a cocktail of mammalian protease inhibitors. The quality of protein as indicated by the absence of smear (no degradation) and sharpness and resolution of protein bands is verified by denatured SDS-PAGE with Coomassie blue staining.
- The efficiency of transfer is routinely checked by staining proteins on the membrane with reversible Ponceau staining.
- The integrity of the blotted protein is tested by immunoblotting of  $\beta$ -actin.

**Description:** The total protein (tissue lysate; 75 $\mu$ g each) was extracted from freshly dissected Syrian Golden hamster Multiple tissues in lysis buffer containing a cocktail of 6 mammalian protease inhibitors, boiled for 5 min, fractionated through standard (20x20cm) 12% SDS-denaturing polyacrylamides gel electrophoresis (SDS-PAGE), and blotted onto nitrocellulose membrane

To determine the size of the specific protein, a pre-stained molecular size protein marker is included in each blot. The protein bands are 250 KD, 150KD, 100 KD, 75 KD, 50 KD, 37 KD, 25 KD, 20 KD, 15 KD, and 10 KD.

**Tissues on the blot:** Tissue lysates were loaded in the following left to right order: (1) Brain (whole), (2) stomach (whole), (3) intestine (whole), (4) colon, (5) liver, (6) lung (7) kidney, (8) Heart, (9) ovary, (10) skeletal muscles, (11) spleen, (12) testis, (13) thymus, (14) skin, (15)pancreas.

**Prior to Use:** Immerse blot in water for 2 minutes before blocking the membrane.

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