

# Neonatal Rat Brain Lysate

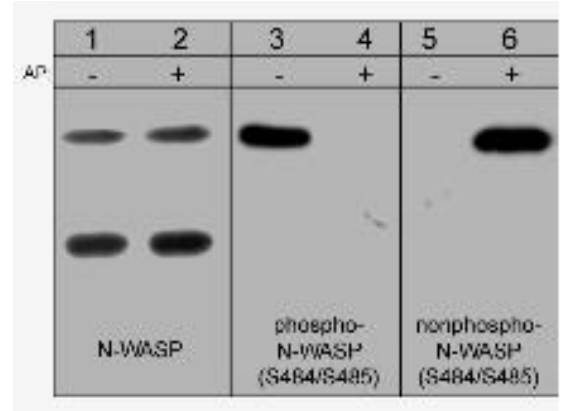
Cat. # BL7001

Size 100  $\mu$ l

## Lysate Preparation:

Brain (cerebrum and cerebellum) was dissected from postnatal day 1 rats (Sprague Dawley). The tissue was rinsed in Hank's buffered saline solution and lysed in 1% SDS, 1.0 mM sodium ortho-vanadate, 10 mM Tris (pH 7.4) buffer. Brain lysates were sonicated then protein concentration was determined using the BCA method (Pierce). The lysate was then diluted to the final concentration in electrophoresis sample buffer.

## Application Data:



Western blot analysis of control and alkaline phosphatase-treated (AP) neonatal rat brain lysate (20  $\mu$ g/lane). Blots were probed with anti-N-WASP (Lanes 1 & 2), anti-phospho-N-WASP(Ser-484/Ser-485) (Lanes 3 & 4), or anti-nonphospho-N-WASP (Ser-484/Ser-485) (Lanes 5 & 6).

## Applications:

WB 20  $\mu$ l/lane

End user should determine optimal quantity for their particular applications and experiments.

## Buffer and Storage:

Cell Lysates are supplied at a concentration of 1 mg/ml in electrophoresis sample buffer (62.5 mM Tris pH 6.8, 2% SDS, 5% glycerol, 0.003% bromophenol blue, 0.9%  $\beta$ -mercaptoethanol). Store at  $-20^{\circ}\text{C}$ . Do not boil or dilute. Stable for 1 year.

## Related Products:

BL7011 Mouse Brain Lysate

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

www.ecmbiosciences.com  
telephone: 859-879-2075  
toll-free: 1-800-859-8202  
tech: info@ecmbiosciences.com

**ECM**Biosciences

Rev 10/19/2007