





**Detection of human and mouse MIOS by western blot.**  
*Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MIOS antibody A304-699A (lot A304-699A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

**Detection of human MIOS by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MIOS antibody A304-699A (lot A304-699A-1) used for IP at 6 µg per reaction. MIOS was also immunoprecipitated by rabbit anti-MIOS antibody BL18122. For blotting immunoprecipitated MIOS, A304-699A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.