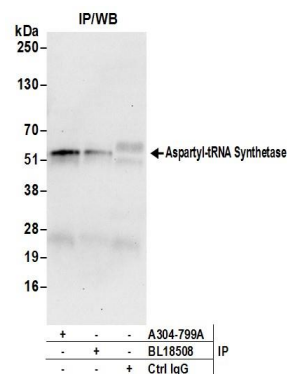


Detection of human and mouse Aspartyl-tRNA Synthetase by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Aspartyl-tRNA Synthetase antibody A304-799A (lot A304-799A-1) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Aspartyl-tRNA Synthetase 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-Aspartyl-tRNA Synthetase antibody A304-799A (lot A304-799A-1) used for IP at 6 μ g per reaction. Aspartyl-tRNA Synthetase was also immunoprecipitated by rabbit anti-Aspartyl-tRNA Synthetase antibody BL18508. For blotting immunoprecipitated Aspartyl-tRNA Synthetase, A304-799A was used at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.