

**Detection of human and mouse WARS by western blot.**

*Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells.

*Antibodies:* Affinity purified rabbit anti-WARS antibody A304-274A (lot A304-274A-1) used for WB at 0.1 µg/ml.

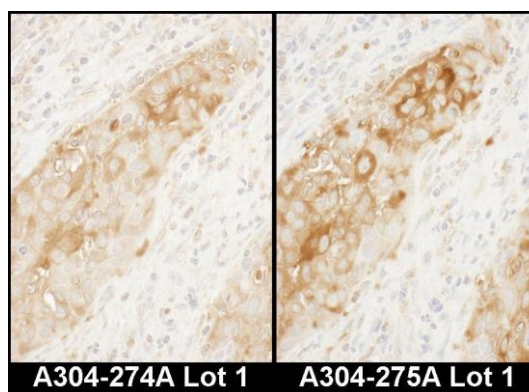
*Detection:* Chemiluminescence with an exposure time of 30 seconds.

**Detection of human WARS by western blot of immunoprecipitates.**

*Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells.

*Antibodies:* Affinity purified rabbit anti-WARS antibody A304-274A (lot A304-274A-1) used for IP at 6 µg per reaction.

WARS was also immunoprecipitated by rabbit anti-WARS antibody A304-275A. For blotting immunoprecipitated WARS, A300-274A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human WARS by immunohistochemistry.**

*Samples:* FFPE serial sections of human lung cancer.

*Antibody:* Affinity purified rabbit anti-WARS (Cat. No. A304-274A Lot1, left image and Cat. No. A304-275A Lot1, right image) used at a dilution of 1:1,000 (1 µg/ml).

*Detection:* DAB