

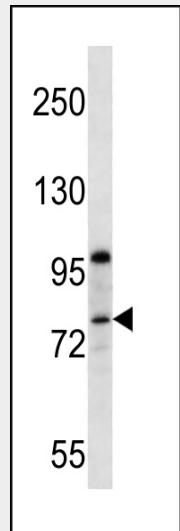
Function Maintains low levels of EIF2S1 phosphorylation in unstressed cells by promoting its dephosphorylation by PP1.

PR15B Antibody (C-term) - Protocols

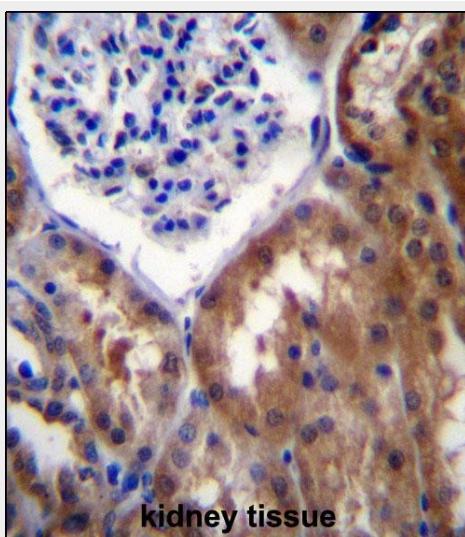
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PR15B Antibody (C-term) - Images



PR15B Antibody (C-term) (Cat. #AP13118b) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the PR15B antibody detected the PR15B protein (arrow).



PR15B Antibody (C-term) (Cat. #AP13118b) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PR15B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PR15B Antibody (C-term) - Background

PPP1R15B promotes dephosphorylation of the transcription initiation factor EIF2-alpha (EIF2S1; MIM 603907) through recruitment of protein phosphatase-1 (PP1) catalytic subunits (see MIM 176875) (Harding et al., 2009 [PubMed 19181853]). [supplied by OMIM].

PR15B Antibody (C-term) - References

Harding, H.P., et al. Proc. Natl. Acad. Sci. U.S.A. 106(6):1832-1837(2009)
Colland, F., et al. Genome Res. 14(7):1324-1332(2004)
Ceulemans, H., et al. Bioessays 24(4):371-381(2002)