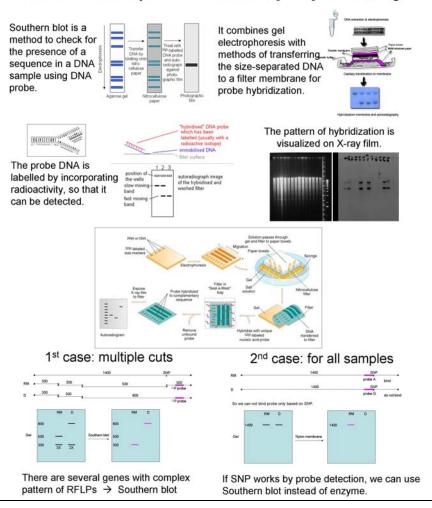
## Southern Blot analysis with radioactive [A-32p] ATP labelling for identification of host candidate genes for parasite resistance in small ruminants

The APHL continued their involvement in fine-map a chromosomal region to find genes responsible for parasite resistance. A new Southern blot assay using isotope labeling and terminal deoxynucleotidyl transferase (using  $[\alpha^{-32}P]$ dATP-labelled probes) was successfully established to confirm or supplement the candidate gene results from different study. This method can be used for signal intensification. By using this assay sequencing can be supplemented or even replaced.



Southern blot analysis with radioactive [a-32P]ATP labeling