Supplementary Figure 5  Efficacy and specificity of LAR-RPTP RNAi constructs. (a-c) COS-7 cells were cotransfected with empty vector (pSUPER) or pSUPER-based RNAi plasmids for LAR, PTPδ and PTPσ, in combination with expression plasmids for wildtype LAR (a), PTPδ (b), or PTPσ (c). Numbers (e.g. LAR RNAi-1, 2, 3) refer to different RNAi sequences directed against the same protein. Two days after transfection, cells were immunoblotted for LAR. Arrow indicates full length LAR-RPTP protein, and arrowhead, phosphatase/intracellular subunit.