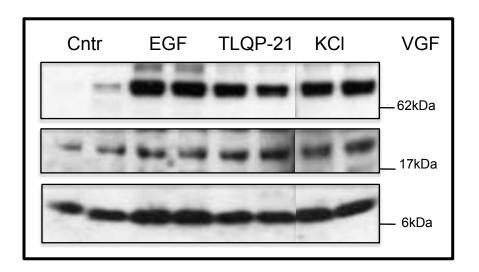
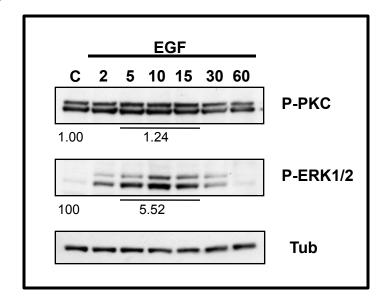
Add FIG 1



Additional Figure 1. Western blot analysis of secreted VGF peptides.

VGF secretion upon EGF (10 ng/ml), TLQP-21 (10 μ M) and KCl 25 mM after 1 hour of exposure. VGF protein is a precursor of different molecular weight peptides. Here we show that the different forms could have different secretory pathways. The panel shows the high molecular precursor form (top), an intermediate processed form (center) and a small molecular weight form (lower). While the precursor form is less secreted in the constitutive pathway, the smaller ones are more efficiently secreted.

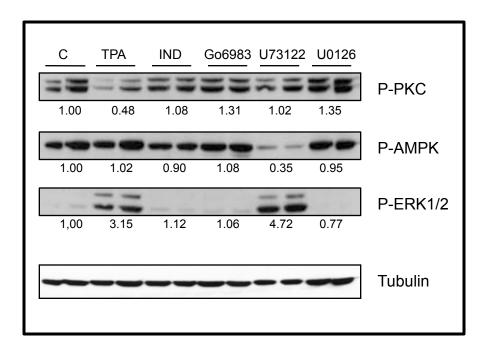
Add FIG 2



Additional Figure 2. Western blot analysis of phospho-activated protein kinases in GH3 cells by EGF.

Time course of EGF (10 ng/ml) treatment from 2 min up to 60 min. Equal amounts of cell lysates were processed for Western blot analysis, using different antibodies 1 specific for the phosphorylated (active) forms of PKC and ERK. To ensure equal loading, blots were stripped and reprobed with anti- β tubulin (Tub). Results are from a single experiment and are representative of 3 separate experiments with similar results. As expected, EGF stimulated PKC and ERK phosphorylation.

Add FIG 3



Additional Figure 3. Western blot analysis of inhibitor activities on GH3 cells. Activity of the different inhibitors was analyzed on phosphorylation of PKC, AMPK and ERK after 1 hour of drugs exposure. This experiment was made to confirm activity of thesedrugs, although some of them did not affect the signalling of TLQP-21.