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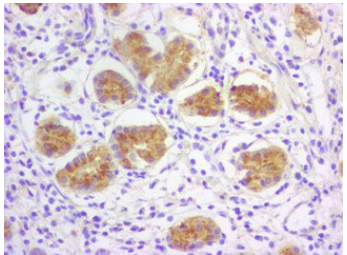
# Influence of low protein diets on gene expression of digestive enzymes and hormone secretion in the gastrointestinal tract of young weaned piglets

**Key words:** **Dietary protein, piglet, gastrointestinal tract, pancreas, digestion, hormones**

# *Research Summary*

**This article describes the influence of dietary protein on hormones and digestive enzymes in the gastrointestinal tract (GIT) and pancreas of weaned piglets**

- **Growth performance of pigs**
- **mRNA expression of selected digestive enzymes in the duodenum, jejunum and pancreas of pigs**
- **mRNA expression of selected enzymes in the pancreas and stomach in pigs**
- **Concentrations of CCK, SS, and MLN in pigs**
- **Localization of CCK and SS**





# *Innovation points*

- **Introduction** **of effect of dietary CP level on growth and development of pigs.**

- **Summary** **of effect of dietary CP content on nutrient digestion and hormone concentration in the gastrointestinal tract of young weaned piglets.**

- **Emphasis** **of the feasibility exploration of low protein diet breeding on weaned piglets.**

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