

CCK/Gastrin Immunoreactivity in Gastrointestinal Tract of *Vimba vimba*

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Abstract : In this study, gastrointestinal immunohistochemistry in the *Vimba vimba* and the localization of CCK/gastrin were determined. Although there are a number of studies which relate to the gastrointestinal histochemistry and the localization of the peptides, a literature research in this field revealed that no histochemical or immunohistochemical study covering also the species had been found in our country. In this research, species will be provided from *Vimba vimba* located in Eğirdir lake. Stomach samples and intestinal samples of these fish will be exposed to routine histological tissue process, embedded in paraffin blocks, and 5-6 µ -thick sections will be taken. Using the PAP (Peroxidase anti-peroxidase) method, localization of the peptides CCK/gastrin was to be found. The densities of peptides of this species were compared, and then the findings obtained were to be evaluated through the statistical analysis methods (SPSS). Endocrine cells reactive to gastrin/CCK antiserum were demonstrated in the stomach and intestinal mucosa. There is a significant difference between gastrin and CCK when compared to regions.

Keywords : CCK, gastrin, immunoreactivity, *vimba vimba*

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