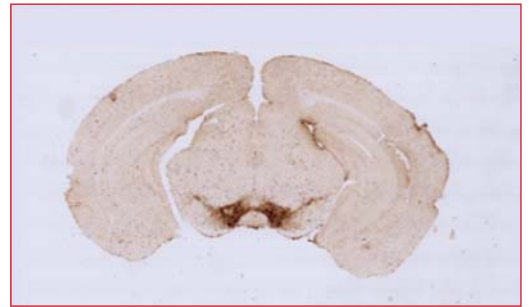


Immunocytochemistry in Free-Floating Sections



➤ Field of applications

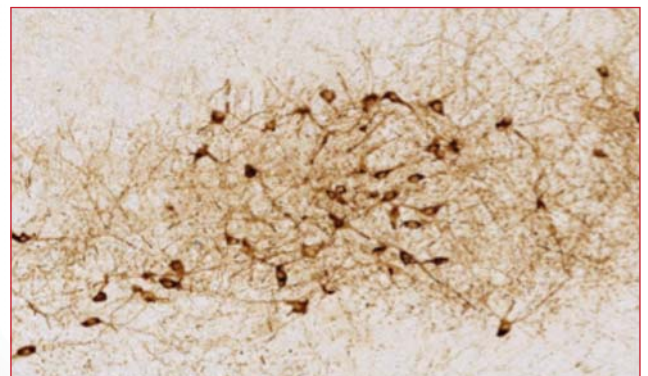
This technic is mainly used on brain samples.
Serial free floating sections are prepared from brain previously fixed with formalin or frozen in isopentane.
The goal is to quantify glial cells stained with Ab (i.e. Tyrosine hydroxylase) in different areas of brain (i.e. substantia nigra)



➤ Technical interests

- This technic allows to quantify stained neurons in the entire ROI thanks to the serial sections (ie. substantia nigra).
- This technic requires manual steps with great caution. Sections incubate into separate wells and are then spread onto pretreated slides.
- Reduce number of steps and the risk to loose samples.

This technic requires a solid knowledge in the anatomy of the brain of the specie to localize each section. Analyze is performed by stereology.



Excilone

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