



UNIVERSITY of NORTH TEXAS HEALTH SCIENCE CENTER

Technology Transfer & Commercialization

Polyclonal Antibodies Against RPE-Secreted Proteins

Learn more!

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Research Tool

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Our Inventor

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Publications

"RPE secreted proteins and antibody influence photoreceptor cell survival and maturation"
Develop Brain Res 107:57 (1998)

"Immunocytochemical characterisation of proteins secreted by retinal pigment epithelium in retinas of normal and Royal College of Surgeons dystrophic rats"
J Anat 193:223 (1998)

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Application

- Rat retinal pigment epithelial antiserum useful for investigating the role of RPE proteins.

Details

- Proteins secreted by transformed neonatal rat RPE cells at passage 34 were collected and used as antigen to produce antiserum in sheep.
- Antiserum used for injections into the neonatal rat eye to determine the role of RPE proteins on retinal development.
- Immunocytochemistry used to determine localization of proteins in the retina of normal and Royal College of Surgeons (RCS) dystrophic rats and rat brain.