

THE TECHNOLOGY

The p75 neurotrophin receptor (p75^{NTR}), also known as the low affinity nerve growth factor receptor, binds proneurotrophins, including pro-nerve growth factor, pro-brain-derived neurotrophic factor, pro-neurotrophin-3 and pro-neurotrophin-4 with varying specificities. The p75^{NTR} plays an important role in neurotrophic factor signaling and has been shown to modulate the susceptibility of selective cellular populations to programmed cell death.

Inventor

Moses Chao

Licensee

Advanced Targeting Systems

THE PRODUCT

NGFr (p75) Antibody

This antibody recognizes the p75^{NTR} in mouse. The antisera was developed in rabbit using an extracellular fragment from the mouse p75 receptor. Applications include immunohistochemistry, immunoprecipitation, immunoblotting, flow cytometry, and blocking the function of nerve growth factor receptor.

