

Molecular brain research

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20480793&lokasi=lokal>

Abstrak

ABSTRAK

We produced monoclonal antibody NG1 that strongly binds growing axons in the developing nervous system of mice. This antibody intensely labeled the growth cone of cultured neurons. Although these immunostaining patterns suggested the association of growing axons with the antigen recognized by this antibody, the antigen was identified as Nogo protein, an axonal repulsive factor isolated from the myelin. On the basis of this unexpected finding, we discuss the possible functions of Nogo in the developing nervous system.