



RAT BRAIN IN STEREOTAXIC CRDINATS 2EPPR

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Summary : Free rat brain in stereotaxic crdinats 2eppr pdf download - the rat brain in stereotaxic coordinates second edition is an atlas of the rat brain based on the convenient flat-skull position that is sufficiently comprehensive and stereotaxically accurate for adult rats the rat brain is analyzed through stereotaxic localization of discrete brain areas and the subdivisions of many areas of rat brain are mapped using plates and diagrams photographs of sufficient magnification are included to permit investigators to judge for themselves the veracity of the atlas delineations this atlas is based on the study of 130 adult male wistar rats with a weight range of 270-310 g it is suitable for brains of 250-350 g male and female rats and represents all areas of the brain and spinal cord brain areas are shown in coronal sagittal and horizontal planes the brain sections shown were taken on average at 0.25 mm intervals and were stained with either cresyl violet or for the demonstration of acetylcholinesterase ache the atlas is based on fresh brains frozen in the skull using deeply anesthetized rats in order to overcome distortion produced by fixation and to enhance staining contrast structures are delineated on the basis of data on cytoarchitecture chemoarchitecture and connectivity the procedures used for surgery histology and photography are also explained this atlas is intended for use by researchers and graduate students in the neuroscience as well as senior undergraduates interested in brain anatomy and function

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