

Download The Axon Structure Function And Pathophysiology Pdf

An axon (from Greek ἀξὼν, axis), or nerve fiber, is a long, slender projection of a nerve cell, or neuron, in vertebrates, that typically conducts electrical impulses known as action potentials away from the nerve cell body.²⁵⁶ Vol. 3, No. 8 October 2005 ABSTRACT The pathophysiology of Alzheimer's disease (AD) is complex, involving several neurotransmitter systems and pathophysiologic processes. Structure. Vinculin is a 117-kDa cytoskeletal protein with 1066 amino acids. The protein contains an acidic N-terminal domain and a basic C-terminal domain separated by a proline-rich middle segment. Epilepsy is defined as a brain disorder characterized by an enduring predisposition to generate epileptic seizures and by the neurobiologic, cognitive, psychological, and social consequences of this condition.