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The Human Neurons cell

Function
help you gather information about your environment, interpret the information, and react to it.

Main Parts
Has three main parts: the dendrites, a cell body, and an axon

Kinds
Has three kinds of neurons: sensory neurons, interneurons, and motor neurons.

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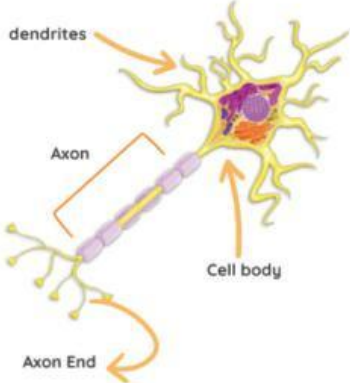
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The Dendrites

receive signals called impulses from other neurons and conduct the impulses to the cell body.

Each neuron contains several dendrites.



dendrites

Axon

Cell body

Axon End

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Cell Body

The nucleus of the neuron and many of the cell organelles are found in the cell body.

An Axon

carries the nerve impulse from the cell body to other neurons and muscles.

dendrites

Axon

Cell body

Axon End

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1 **sensory neurons**
send impulses from receptors in the skin and sense organs to the brain and spinal cord. Sensory neurons signal interneurons, which are found in the spinal cord and brain

2 **Interneurons**
carry the impulse to motor neurons

3 **Motor neurons**
carry impulses away from the brain and spinal cord to a gland or muscle, which results in a response

Animation

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