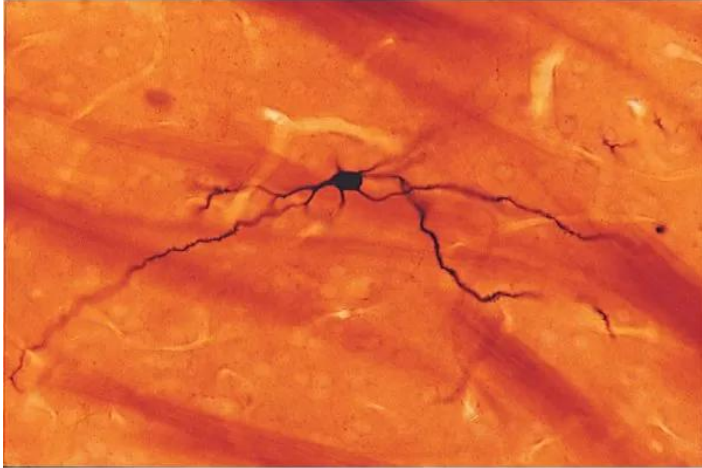




## **NEUROBIOTIN TRACER**

**SKU:** SP-1120



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### **DESCRIPTION**

NEUROBIOTIN Tracer (SP-1120) is an amino derivative of biotin that can be used as an intracellular label for cells, particularly neurons. It is used for visualizing neural architecture and for the identification of gap junction coupling.

#### **Features:**

- Can be used in many types of preparations including in vivo, whole mounts, slice preparations, or cultured cells
- Can be delivered by many routes such as intracellular electrodes, microinjection, cut-loading, or scrape-loading
- Can be detected using avidin or streptavidin systems with either chromogenic or fluorescence visualization methods

Advantages over biocytin and other neuronal labels:

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**



- Better solubility
- More efficiently iontophoresed
- Remains in cell longer
- Non-toxic
- Can be fixed with formalin or glutaraldehyde

## SPECIFICATIONS

<b>Molecular Weight</b>	322.8
<b>Chemical Formula</b>	C <sub>12</sub> H <sub>23</sub> CIN <sub>4</sub> O <sub>2</sub> S
<b>Detection Method</b>	Avidin(Streptavidin)/Biotin Method, Chromogenic, Fluorescence
<b>Unit Size</b>	20 mg, 50 mg
<b>Storage Instructions</b>	2-8 °C (desiccated). Once in solution, store frozen.
<b>Neuronal Tracer - Direction of Transport</b>	Anterograde/Retrograde

## CITATIONS



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## DOCUMENTS

- [Safety Data Sheet](#)
- [NEUROBIOTIN Tracer for Intracellular Labeling of Neurons](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES

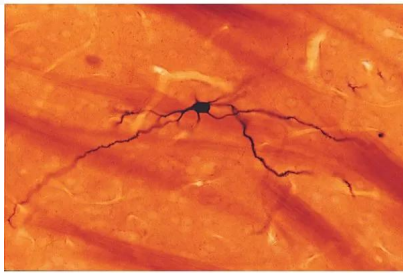
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