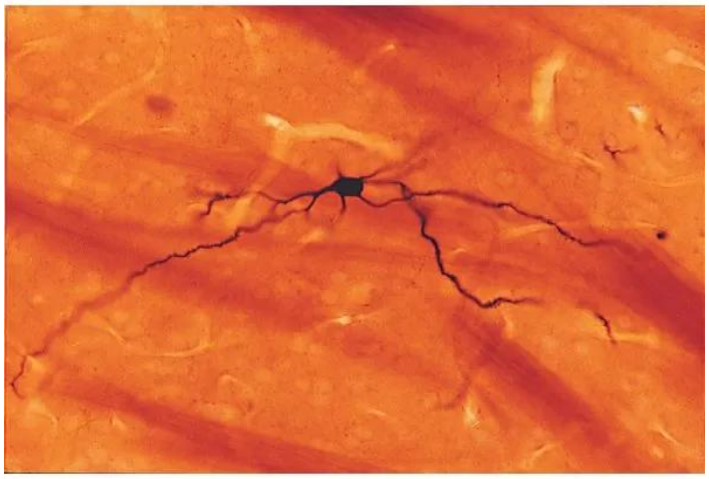
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

NEUROBIOTIN TRACER

SKU: SP-1120



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

Molecular Weight	322.8
Chemical Formula	C12H23ClN4O2S
Detection Method	Avidin(Streptavidin)/Biotin Method, Chromogenic, Fluorescence
Unit Size	20 mg, 50 mg
Storage Instructions	2-8 °C (desiccated). Once in solution, store frozen.
Neuronal Tracer - Direction of Transport	Anterograde/Retrograde

CITATIONS

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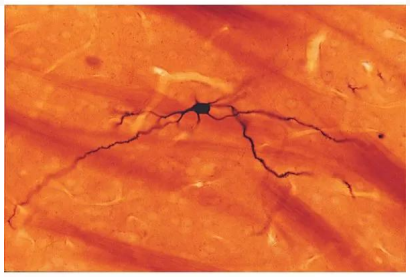
DOCUMENTS

- Safety Data Sheet
- NEUROBIOTIN Tracer for Intracellular Labeling of Neurons
- Download CoA
- Datasheet

GALLERY IMAGES

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