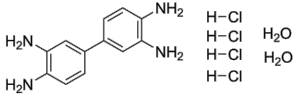


# 3,3-Diaminobenzidine tetrahydrochloride dihydrate

货号: AYB27557



## 产品信息

生物活性	3,3-Diaminobenzidine tetrahydrochloride dihydrate is a staining agent that is often used in histochemical (HC) and immunohistochemical (IHC) procedures. 3,3-Diaminobenzidine tetrahydrochloride dihydrate can be used for peroxisomal staining and mitochondrial cytochrome c oxidase activity staining.
CAS	167684-17-5
中文名称	3,3'-二氨基联苯胺盐酸盐二水合物
分子量	396.14
体外研究	<p>作为一种染料, 3,3-Diaminobenzidine (DAB) tetrahydrochloride dihydrate 被氧化并转化为一种不溶性聚合物, 在反应部位沉淀为深棕色色素, 使目标分子可见。在免疫组化中, 3,3-Diaminobenzidine tetrahydrochloride dihydrate 作为过氧化物酶的底物偶联到一抗或二抗。使用 3,3-Diaminobenzidine tetrahydrochloride dihydrate 的组织化学染色方法包括细胞器中过氧化物酶体染色和线粒体细胞色素 c 氧化酶 (COX, 也称为呼吸复合体 IV) 活性染色。</p> <p>Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs).</p> <p>对于细胞色素 c 氧化酶 (COX) 组织化学染色</p> <ol style="list-style-type: none"> <li>1. 用 ~50µL COX 染色液 (0.1 M NaPO<sub>4</sub>, 4 mM 3,3-diaminobenzidine (DAB) tetrahydrochloride dihydrate, 100 µM cytochrome c, 2 mg/mL catalase) 在 37°C 下孵育切片 45 分钟。</li> <li>2. 在 PBS 中清洗 3 次, 每次 5 分钟, 用分级乙醇 (75% 和 95% 各 1 分钟, 100% 乙醇 10 分钟) 脱水。</li> <li>3. 染色后, 样品完全干燥后取样。</li> </ol> <p><b>The accuracy of these methods have not been independently confirmed. They are for reference only.</b></p>
体内研究	
形式	
运输条件	Room temperature in continental US; may vary elsewhere.
保存条件	Please store the product under the recommended conditions in the Certificate of Analysis.
溶解性	
纯度	