

## 20. Electron-microscopic demonstration of the localization of adenosinetriphosphatase in *Bac. subtilis*

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### Abstract

Histochem. and electron microscopy of *Bacillus subtilis* revealed the presence of ATPase in various subcellular fractions. The enzyme was preferentially localized in mesosomes, cytoplasmic membrane, periplasmic space, and cell wall. ATPase may play an important role in biol. transport of electrolytes in *B. subtilis*.

### Indexing

Microbial Biochemistry (Section 10-1)

### Concepts

[Bacillus subtilis](#)

ATPase localization in

[Cell membrane](#)

[Cell wall](#)

ATPase localization in, of *Bacillus subtilis*

[Organelle](#)

mesosome, ATPase localization in, of *Bacillus subtilis*

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periplasm, ATPase localization in, of *Bacillus subtilis*

### Substances

[9000-83-3](#)

of *Bacillus subtilis*, localization of

Process

### Supplementary Terms

*Bacillus* ATPase localization

### Tags

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