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ATPase

National Cancer Institute

Source

National Cancer Institute. *ATPase*. NCI Thesaurus. Code C16263.

AT Pases are a group of enzymes that catalyze ATP hydrolysis coupled with another function such as transporting $\text{Ca}(2+)$ across a membrane. T hese enzymes may be dependent on $\text{Ca}(2+)$, $\text{Mg}(2+)$, anions, H^+ , or DNA. Many structural (e.g. myosin) and transport (e.g. ion pump) proteins include an AT Pase domain.