

# PROTEOLYSIS

*Meaning: Proteolysis is the biochemical process of breaking down proteins into smaller peptides and amino acids, primarily facilitated by specific enzymes.*

1. Proteolysis is a crucial biochemical process that breaks down proteins into peptides and amino acids.
2. The enzymes responsible for proteolysis play a vital role in digestion and metabolism.
3. During cellular signaling, proteolysis can activate or deactivate specific proteins, influencing various physiological responses.
4. Researchers are investigating the role of proteolysis in disease progression, particularly in cancer and neurodegenerative disorders.
5. Understanding the mechanisms of proteolysis can lead to advancements in drug development and therapeutic interventions.

---

Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)

<https://sentences.whatistheurl.com/sentence/proteolysis>