

- It is found in the nucleus and in the cytoplasm.
- It also forms part of the ribosomes.

Structure of RNA

- Consist of a single strand.

Just like DNA, RNA is a polymer with nucleotides as monomers.

Nucleotides found in RNA

4. Sugar Molecules- Ribosome (symbol R)
5. Phosphate group (symbol P)
6. Nitrogen bases

Nitrogenous Bases

- RNA has four different types of nitrogenous bases:

5. Adenine
6. Uracil
7. Guanine
8. Cytosine

Nitrogenous bases pair as follows:

Adenine (A) pairs with Uracil (U)

Guanine (G) pair with Cytosine (C)

These Nitrogenous bases are joined together by weak hydrogen bonds, which can be easily broken down by enzymes.

Types of RNA