

# Baryons

**Baryons** are heavy particles that belong to the group of hadrons. They are able to interact with a strong nuclear force. They are particles composed of three quarks that can be combined. They are also classified as fermions because they have half-integer spin. As an example of a baryon, we can mention a proton, which is made of two quarks up and one quark down. A neutron is made of one quark up and two quarks down. The proton and the neutron are nucleons, also called the light baryons. Hyperons are heavy baryons.

## References

### Related articles

- Atom
- Elementary particles
- Standard Model of particle physics
- Hadrons - mesons and baryons
- Atomic nucleus

### Source

- NAVRÁTIL, Leoš – ROSINA, Jozef, et al. *Medicínská biofyzika*. 1. edition. Praha : Grada, 2005. pp. 524. ISBN 80-247-1152-4.