

## How to use

We recommend you to keep your skincare fine using supplements.



Skincare combines lotion and

Essence

Also it is done with

Sheet mask and UV cream.

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## Overall

As you can see, proteoglycan is not only good for nutrition but also moisturizes the skin, and it turns out to be a very good thing for us.



## References

- What is proteoglycan beauty effect?
- Wikipedia
- Aomori: PG

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Proteoglycan is a treasure in Aomori.

Hirosaki Minami High school

76 HR Group 2



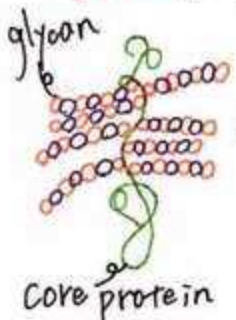
# Motive

- We wanted to know about proteoglycan.
- We wanted to acquire knowledge about proteoglycan.

# What is it made from?

◦ Proteoglycan

[ proteo ] ⇒ Protein  
 [ glycan ] ⇒ Polysaccharides



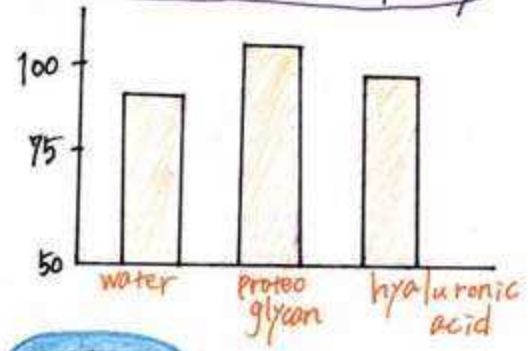
These are present in animal skin and cartilage.

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# History

Proteoglycan was found at the end of the 19th century. It was named "proteoglycan" in 1970. Also, it has attracted attention from that time. However, it was very expensive more than 30 million Yen per gram.

# Water retention capacity

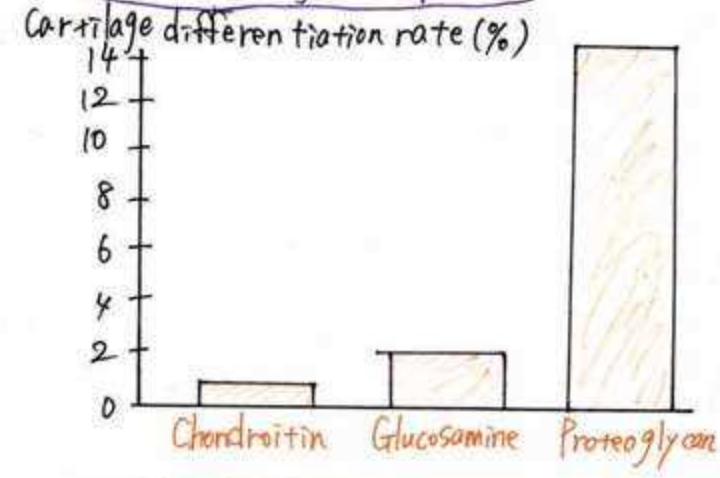


# Effect

- Proliferation of skin cells
- Promotes production of hyaluronic acid and type I collagen
- Improvement of rough skin, elasticity, wrinkles etc.

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# New cartilage component



# Moisture change

