

Proteoglycan is taken out of nasal cartilage and is a precious component.

Recently, we were able to extract it inexpensively and efficiently.

"Proteo" means protein.
"glycan" means Polysaccharides

Proteoglycan is used for various things. For example, Cosmetics,

Health food, and Pharmaceuticals.

A long time ago, it was more than 30 million yen per gram.

It was very expensive.

Proteoglycan exists in our skin and cartilage.

### In the future ...

We want to make something with proteoglycan that makes use of its other effects and strengths.

But, other effects are not very well known.

So, we want to spread knowledge of it and we want to be one of the important industries of Aomori.

## Reference mental sont

http://fu-wari.jpproteogly.can nokouka tokesyohinerabi/#-6

Proteoglycan's
nature
and
effect

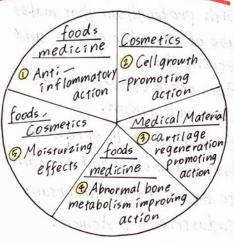
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## Motive

We have been interested in proteoglycan for a while. Because we watched TV's commercial: We thought resarching about "proteoglycan's nature and effect". Also, it has become a hot topic, so we wanted to spread it nation wide.

# Proteoglycan's physiological effects



#### 1 Anti-inflammatory action

- Anti-allergic effect
- The treatment ofulcerative colifis
- @ Cell growth promoting action
- Recycling the flesh
- 3 Cartilage regeneration promoting action
- Application for arthritis
- Abnormal bone metabolism
  Osteoporosis treatment effect
- 6 Moisturizing effects
- Application to cosmetics and food

## THE & EFFECTS

- 1. Beautiful skin effect
- O EGF effect
- \* egf ... It's a factor that promotes growth.
- D Hyaluronic acid produces a collagen promoting effect.
- 2. Relaxation effect of osteoarth ritis
- 3, Suppresses inflammation
- 4. Prevention and improvement of life style related diseases

