

## Hydroxyproline Rabbit pAb

### 羟脯氨酸抗体

产品编号	产品名称	规格
BOAR-02031-A	Hydroxyproline Rabbit pAb	50 ul
BOAR-02031-B	Hydroxyproline Rabbit pAb	100 ul

## Summary:

**Host / Isotype:** Rabbit / IgG

**Target Protein:** hydroxyproline

**Clonality:** Polyclonal

**Species Reactivity:** Human,Rat (predicted: hydroxyproline)

**Applications:** IHC-P; IHC-F; IF; ELISA;

## Product Details:

**Form:** Liquid

**Concentration:** 1mg/ml

**Purification:** affinity purified by Protein A

**Gene ID:** 51-35-4

**Swiss Prot:** N/A

**Immunogen:** KLH conjugated hydroxyproline

**Synonyms:** hydroxyproline; Hyp; hydroxyproline.

## Applications:

**IHC-P:** 1:100-500

**IHC-F:** 1:100-500

**IF:** 1:100-500

**ELISA:** 1:5000-10000

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.  
注意: 在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置。



## Background:

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Hydroxyproline, a non-essential amino acid derived from proline, with no known therapeutic use. Hydroxyproline is used as a major component of structural proteins such as collagen, connective tissues, plant cell walls, tendons and ligaments and provides skin elasticity. Vitamin C is required for the conversion process from proline to hydroxyproline, a deficiency in vitamin C can lead to defects in collagen synthesis, thus, resulting in easy bruising, internal bleeding, breakdown of connective tissue of the ligaments and tendons, and increased risk to blood vessel damage. An unusual feature of this amino acid is that, it is not incorporated into collagen during biosynthesis at the ribosomal level, but is formed from proline by a posttranslational modification by an enzymatic hydroxylation reaction.

## Storage:

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**Storage buffer:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

**Storage conditions:** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

## Notes:

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1. Quick spin before use. If you have any questions, please contact us.
2. Optimal concentrations/dilutions should be determined by the end user.
3. This product is for R&D only. Not for drug, household, or other uses.
4. For your safety and health, please wear a lab coat and disposable gloves during the operation.
5. The experimental results may be affected by many factors, after-sale service is limited to the product itself and does not involve other compensation.

