

# Native Staphylococcus aureus Protein A (HRP) ab7456

## 17 References

### 描述

产品名称	Native金黄色葡萄球菌蛋白A (HRP)
纯度	> 95 % SDS-PAGE. Chromatographically pure, a single band by SDS-PAGE.
表达系统	Native
Accession	<b><u>P38507</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Staphylococcus aureus
预测分子量	56 kDa
偶联物	HRP

### 技术指标

Our **Abpromise guarantee** covers the use of **ab7456** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot
	Dot blot
	ELISA
	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
	Immunohistochemistry (Frozen sections)
	Immunomicroscopy
形式	Liquid
补充说明	Molecular Weight (protein A): 42,000 daltons
	Extinction Coefficient: 0.1% at 280 nm is 0.14 (E <sup>0.1%</sup> of 0.14)

### 制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C.
--------	--------------------------------

Preservative: 0.01% Gentamicin sulphate

Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1.5% BSA

## 常规信息

---

相关性	Protein A is a surface protein of S.aureus which binds IgG molecules by their Fc region. In serum, the bacteria will bind IgG molecules in the wrong orientation on their surface which hinders opsonization and phagocytosis. Mutants of S. aureus lacking protein A are more efficiently phagocytosed in vitro, and mutants in infection models have diminished virulence. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.
细胞定位	Secreted; cell wall.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors