

# Native Staphylococcus aureus Protein A (HRP) ab7456

## 17 References

### 製品の詳細

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製品名	Native Staphylococcus aureus Protein A (HRP)
精製度	> 95 % SDS-PAGE. Chromatographically pure, a single band by SDS-PAGE.
発現系	Native
アクセッション番号	<b><u>P38507</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Staphylococcus aureus
予測される分子量	56 kDa
標識	HRP

### 特性

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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.

アプリケーション	Western blot Dot blot ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunohistochemistry (Frozen sections) Immunomicroscopy
製品の状態	Liquid
備考	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)

### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Store at +4°C.
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Preservative: 0.01% Gentamicin sulphate

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

## 関連情報

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関連性	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.
細胞内局在	Secreted; cell wall.

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

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