

# Rabbit Mycobacterium tuberculosis Phosphate-binding protein PstS 1 Polyclonal Antibody | anti-pstS1 antibody

Rabbit anti-Mycobacterium tuberculosis Phosphate-binding protein PstS 1 polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY                 | APPLICATIONS |
|-----------|--------|----------------------------|--------------|
| AAA118044 | Rabbit | MycoBacterium tuberculosis | ELISA        |

## PRODUCT SYNONYMS

Mycobacterium tuberculosis Phosphate-binding protein PstS 1; Polyclonal Antibody; Rabbit anti-Mycobacterium tuberculosis Phosphate-binding protein PstS 1 polyclonal Antibody; Phosphate-binding protein PstS 1; PBP 1; PhoS1; PstS-1; 38-kDa glycolipoprotein; 38-kDa lipoprotein; P38; Antigen Ag78; Protein antigen B; Pab; pstS1; phoS1; anti-pstS1 antibody

## PRODUCT SPECIFICATIONS

|                                                 |                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                     |
| Reactivity                                      | MycoBacterium tuberculosis                                                                 |
| Clonality                                       | Polyclonal                                                                                 |
| Isotype                                         | IgG                                                                                        |
| Purity/Purification                             | >95%, Protein G purified                                                                   |
| Form/Format                                     | Liquid                                                                                     |
| Sequence Length                                 | 374                                                                                        |
| Applicable Applications for anti-pstS1 antibody | ELISA                                                                                      |
| Storage Buffer                                  | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4           |
| Relevance                                       | Part of the ABC transporter complex PstSACB involved in phosphate import                   |
| Immunogen                                       | Recombinant Mycobacterium tuberculosis Phosphate-binding protein PstS 1 protein (24-373AA) |
| Immunogen Species                               | Mycobacterium tuberculosis (strain 25618 / H37Rv)                                          |
| Research Area                                   | Others                                                                                     |
| Target Names                                    | pstS1                                                                                      |
| Preparation and Storage                         | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                              |

## NCBI AND UNIPROT INFORMATION

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">489997231</a>                                                                         |
| NCBI GeneID               | <a href="#">885724</a>                                                                            |
| NCBI Accession #          | <a href="#">WP_003900236.1</a>                                                                    |
| NCBI GenBank Nucleotide # | <a href="#">WP_003900236.1</a>                                                                    |
| UniProt Accession #       | <a href="#">P9WGU1</a> ; <a href="#">O05868</a> ; <a href="#">P15712</a> ; <a href="#">L0T854</a> |
| NCBI Official Full Name   | MULTISPECIES: phosphate-binding protein PstS                                                      |

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| NCBI Official Symbol          | pstS1                                                        |
| NCBI Official Synonym Symbols | phoS; phoS1                                                  |
| NCBI Protein Information      | phosphate ABC transporter substrate-binding lipoprotein PstS |
| UniProt Protein Name          | Phosphate-binding protein PstS 1                             |
| UniProt Gene Name             | <b>pstS1</b>                                                 |
| UniProt Synonym Gene Names    | phoS1; Pab                                                   |
| UniProt Entry Name            | PSTS1_MYCTU                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/mycobacterium-tuberculosis-phosphate-binding-protein-psts-1-antibody-elisa/118044>