

## Rabbit PSPH Polyclonal Antibody | anti-PSPH antibody

Rabbit anti-PSPH Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA222191</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

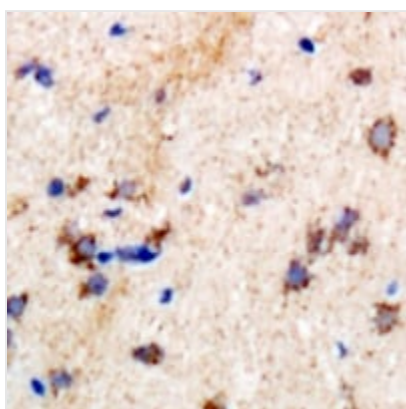
### PRODUCT SYNONYMS

PSPH; Polyclonal Antibody; Rabbit anti-PSPH Antibody; Phosphoserine phosphatase; PSP; PSPase; L-3-phosphoserine phosphatase; O-phosphoserine phosphohydrolase; anti-PSPH antibody

### PRODUCT SPECIFICATIONS

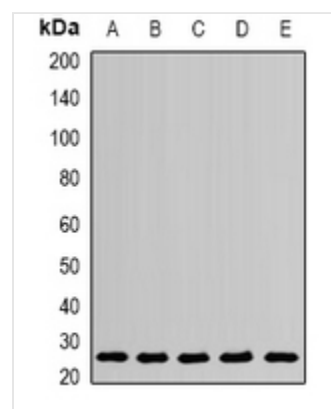
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                         |
| Clonality                                      | Polyclonal                                                                                                |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-PSPH antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                      | Recombinant full length protein of human PSPH                                                             |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PSPH staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PSPH expression in Jurkat (A), A431 (B), mouse brain (C), mouse kidney (D), rat liver (E) whole cell lysates.

### ADDITIONAL INFORMATION

Product Categories/Family for anti-PSPH antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 46249388                                                                                           |
| NCBI GeneID                      | 5723                                                                                               |
| NCBI Accession #                 | NP_004568.2                                                                                        |
| NCBI GenBank Nucleotide #        | NM_004577.3                                                                                        |
| UniProt Accession #              | P78330; Q99LS3; Q5M819                                                                             |
| Molecular Weight                 | 25,008 Da                                                                                          |
| NCBI Official Full Name          | phosphoserine phosphatase                                                                          |
| NCBI Official Synonym Full Names | phosphoserine phosphatase                                                                          |
| NCBI Official Symbol             | PSPH                                                                                               |
| NCBI Official Synonym Symbols    | PSP; PSPHD                                                                                         |
| NCBI Protein Information         | phosphoserine phosphatase; L-3-phosphoserine phosphatase; O-phosphoserine phosphohydrolase; PSPase |
| UniProt Protein Name             | Phosphoserine phosphatase                                                                          |
| UniProt Gene Name                | <b>PSPH</b>                                                                                        |
| UniProt Synonym Gene Names       | PSP; PSPase                                                                                        |
| UniProt Entry Name               | SERB_HUMAN                                                                                         |

**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.

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