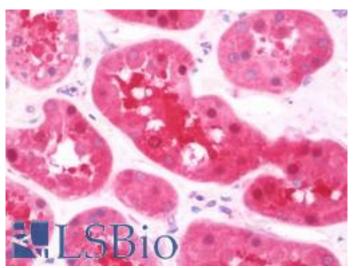


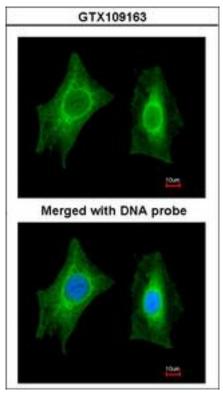
| CatalogID:           | LS-B10780  |
|----------------------|--|
| Validation:          | This antibody replaces catalog number LS-C186050. It has been validated for use in the following assays: IHC-P.  |
| Target:              | phosphoserine phosphatase (PSPH)   |
| Synonyms:            | PSPH Antibody, L-3-phosphoserine phosphatase Antibody, Phosphoserine phosphatase Antibody, PSPase Antibody, PSP Antibody, PSPHD Antibody   |
| Host                 | PSPH antibody was produced in Rabbit   |
| Clonality:           | Polyclonal   |
| Isotype:             | IgG  |
| Immunogen Species:   | PSPH / PSP antibody was raised against Human   |
| Antigen Type:        | Recombinant protein  |
| Immunogen:           | PSPH / PSP antibody was raised against recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 175 (P78330) of PSPH. Percent identity by BLAST analysis: Human (100%); Pig (96%); Rat, Boving (94%); Mouse (93%). |
| Specificity:         | Human PSPH   |
| Epitope:             | aa1-175  |
| Reactivity:          | Human  |
| Purification:        | Immunoaffinity purified  |
| Presentation:        | 0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal   |
| Recommended Storage: | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.   |
| Uses:                | IHC - Paraffin (7.5 μg/ml), ICC (1:100 - 1:1000), Western blot (1:500 - 1:3000)<br>(Optimal dilution to be determined by the researcher)   |
| Size:                | 50 μl  |
| Concentration:       | 1 mg/ml  |

## Immunohistochemistry Image:



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

## Immunocytochemistry Image:



Immunofluorescence of paraformaldehyde-fixed HeLa using PSPH antibody at 1:200 dilution.

| Western Blo  | t Image: |  |
|--|----------|--|
| <u>КDa</u><br>72<br>55   |          |  |
| 43 —   | -        |  |
| 34 —   | ·        |  |
| 26 —   | -        |  |
| 17 —   | -        |  |
| 11 🗖   | -        |  |
| Sample (30 ug of whole cell lysate). A: A431. 12% SDS PAGE. PSPH antibody diluted at 1:1000          |          |  |
| Requested From:  | Japan    |  |
| Laboratory Reagent For In Vitro Research Use Only  |          |  |
| Not for resale without prior written consent from LifeSpan BioSciences, Inc.<br>Created on 9/23/2014 |          |  |
| © 2014 LifeSpan BioSciences  |          |  |
|  |          |  |