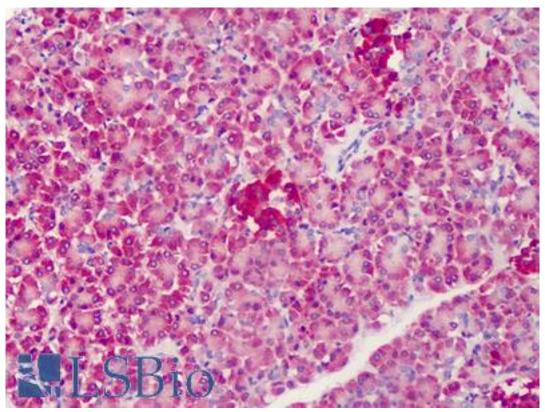


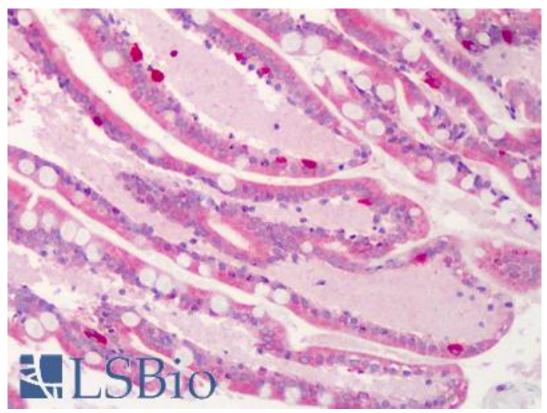
| C1QTNF4 / CTRP4 Rabbit anti-Human Polyclonal (C-Terminus) Antibody - LS-B1342 - LSBio |   |
|---|---|
| CatalogID:  | LS-B1342  |
| Validation:   | This antibody replaces catalog number LS-C19520. It has been validated for use in the following assays: IHC.  |
| Target:   | C1q and tumor necrosis factor related protein 4 (C1QTNF4)   |
| Synonyms:   | C1QTNF4 Antibody, ZACRP4 Antibody, CTRP4 Antibody   |
| Host  | C1QTNF4 antibody was produced in Rabbit   |
| Clonality:  | Polyclonal  |
| Immunogen Species:  | C1QTNF4 / CTRP4 antibody was raised against Human   |
| Antigen Type:   | Synthetic peptide   |
| Immunogen:  | C1QTNF4 / CTRP4 antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human CTRP4.  |
| Specificity:  | 16 amino acid peptide from near the carboxy terminus of human CTRP4   |
| Epitope:  | C-Terminus  |
| Reactivity:   | Human, Mouse, Rat   |
| Purification:   | Immunoaffinity purified   |
| Presentation:   | PBS, 0.02% sodium azide.  |
| Recommended Storage:  | Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.  |
| Usage Summary:  | Immunohistochemistry: LS-B1342 was validated for use in immunohistochemistry<br>on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after<br>heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the<br>primary antibody, slides were incubated with biotinylated secondary antibody,<br>followed by alkaline phosphatase-streptavidin and chromogen. The stained slides<br>were evaluated by a pathologist to confirm staining specificity. The optimal working<br>concentration for LS-B1342 was determined to be 5 ug/ml. |
| Uses:   | IHC - Paraffin (5 μg/ml), Western blot (1 - 2 μg/ml) (Optimal dilution to be determined by the researcher)  |
| Size:   | 50 µg   |
| Concentration:  | 1 mg/ml   |

## Immunohistochemistry Image:



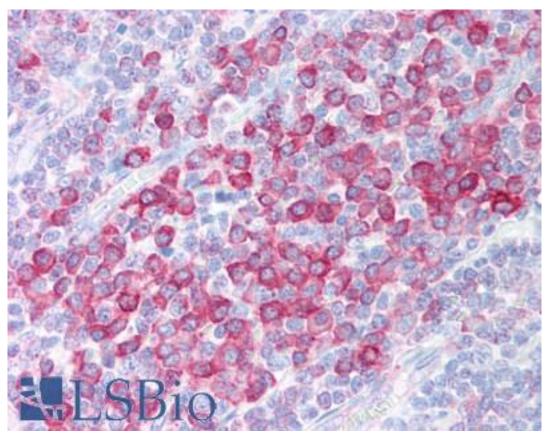
Anti-C1QTNF4 / CTRP4 antibody IHC of human pancreas. Immunohistochemistry of formalinfixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1342 concentration 5 ug/ml.

## Immunohistochemistry Image:



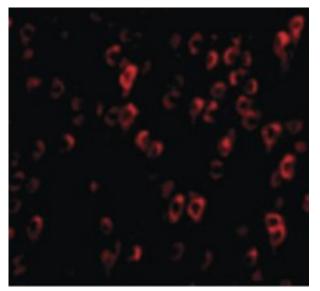
Anti-C1QTNF4 / CTRP4 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1342 concentration 5 ug/ml.

## Immunohistochemistry Image:



Anti-C1QTNF4 / CTRP4 antibody IHC of human tonsil. Immunohistochemistry of formalinfixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1342 concentration 5 ug/ml.

Immunofluorescence Image:



Immunofluorescence of CTRP4 in Rat Brain cells with CTRP4 antibody at 20 ug/ml.

| Wester                          | n Blot Image:   |
|---------------------------------|---|
| 51-                             | ВС  |
| 36-                             | CTRP4   |
| 29-                             |   |
| <b>21-</b><br>Westerr<br>ug/ml. | blot of CTRP4 in rat brain cell lysate with CTRP4 antibody at (A) 1, (B) 2, and (C) 4 |
| Requested From:                 | Japan   |
|                                 | Laboratory Reagent For In Vitro Research Use Only                                     |
| Not f                           | or resale without prior written consent from LifeSpan BioSciences, Inc.               |
|                                 | Created on 9/23/2014  |
|                                 | © 2014 LifeSpan BioSciences   |