

For Research Use Only

# CHIT1 Polyclonal antibody

Catalog Number: 21432-1-AP



## Basic Information

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|--|--|--|
| <b>Catalog Number:</b><br>21432-1-AP   | <b>GenBank Accession Number:</b><br>BC103695       | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 450 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>1118                      | <b>Recommended Dilutions:</b><br>IHC 1:50-1:500              |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>chitinase 1 (chitotriosidase) |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>466 aa, 52 kDa            |  |
| <b>Immunogen Catalog Number:</b><br>AG16039  | <b>Observed MW:</b><br>55 kDa                      |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IHC, ELISA  | <b>Positive Controls:</b><br>IHC : human pancreas tissue, |
| <b>Species Specificity:</b><br>human   |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## Background Information

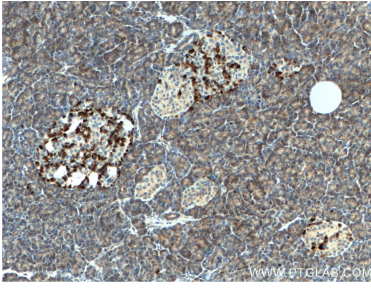
### Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

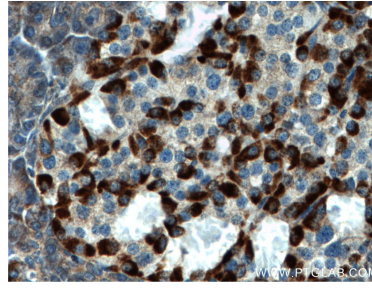
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 21432-1-AP (CHIT1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 21432-1-AP (CHIT1 antibody) at dilution of 1:200 (under 40x lens).