

Datasheet for ABIN7445468
anti-Procalcitonin antibody (AA 25-85)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | Procalcitonin (PCT) |
| Binding Specificity: | AA 25-85 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Procalcitonin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (IHC) |

Product Details

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Polyclonal Antibody to Procalcitonin (PCT) |
| Immunogen: | Recombinant Procalcitonin (PCT) corresponding to Ala25~Cys85 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against PCT. It has been selected for its ability to recognize PCT in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

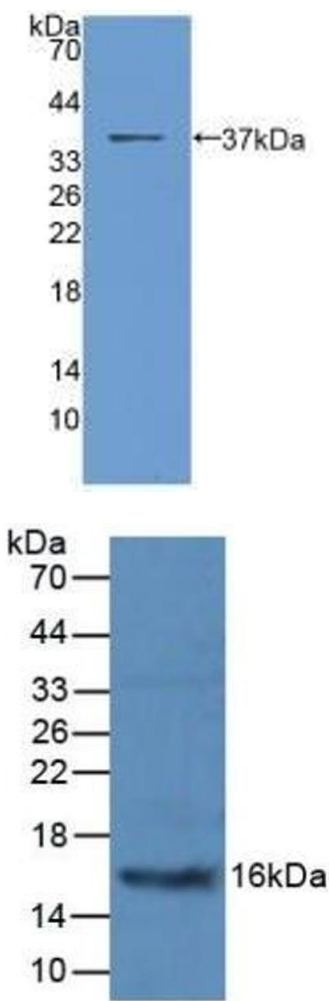
| | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | Procalcitonin (PCT) |
| Alternative Name: | Procalcitonin (PCT Products) |
| Background: | Pro-Calcitonin |
| Pathways: | Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL 1:220-900 Immunohistochemistry: 5-20 µg/mL 1:22-90 Immunocytochemistry: 5-20 µg/mL 1:22-90 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant PCT, Human using Polyclonal Antibody to Procalcitonin (PCT)

Western Blotting

Image 2. Detection of PCT in Mouse Pancreas Tissue using Polyclonal Antibody to Procalcitonin (PCT)