

Datasheet for ABIN7445465
anti-Procalcitonin antibody (AA 26-130)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Procalcitonin (PCT) |
| Binding Specificity: | AA 26-130 |
| Reactivity: | Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Procalcitonin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (IHC) |

Product Details

| | |
|---------------|--|
| Purpose: | Polyclonal Antibody to Procalcitonin (PCT) |
| Immunogen: | Recombinant Procalcitonin (PCT) corresponding to Ala26~Arg130 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. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

| | |
|---------|---------------------|
| Target: | Procalcitonin (PCT) |
|---------|---------------------|

Target Details

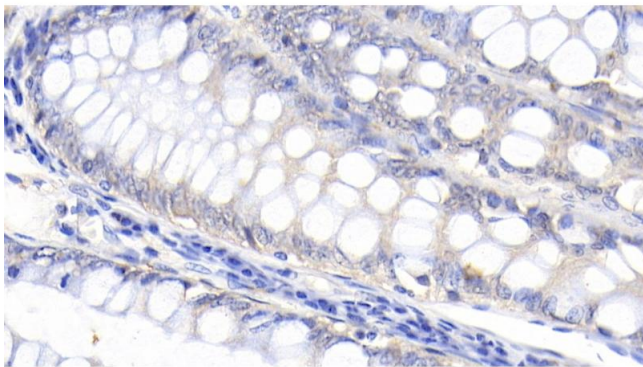
| | |
|-------------------|---|
| Alternative Name: | Procalcitonin (PCT Products) |
| Background: | Pro-Calcitonin |
| Pathways: | Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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 |

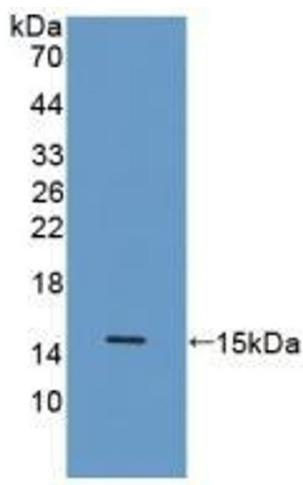
Handling

| | |
|--------------------|---|
| 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 |



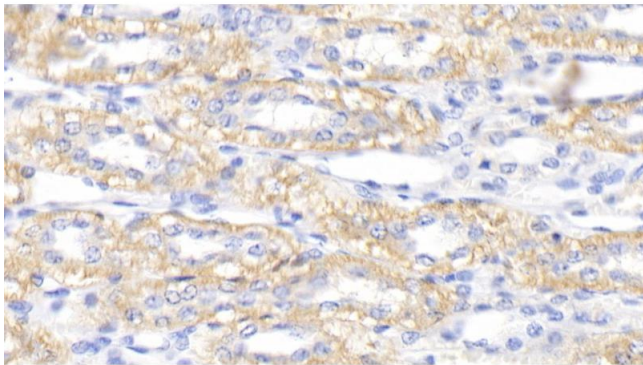
Immunohistochemistry

Image 1. Detection of PCT in Canine Colon Tissue using Polyclonal Antibody to Procalcitonin (PCT)



Western Blotting

Image 2. Detection of Recombinant PCT, Canine using Polyclonal Antibody to Procalcitonin (PCT)



Immunohistochemistry

Image 3. Detection of PCT in Canine Kidney Tissue using Polyclonal Antibody to Procalcitonin (PCT)