



**LAA472Hu71**

**Biotin-Linked Polyclonal Antibody to Calcitonin (CT)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

**FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

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12th Edition (Revised in Aug, 2016)

## [ **PROPERTIES** ]

**Source:** Antibody labeling

**Host:** Rabbit

**Purification:** Antigen-specific Affinity Chromatography.

**Label:** Biotin

**Original Antibody:** PAA472Hu02

**Traits:** Liquid

**Concentration:** 200µg/mL

**UOM:** 100µg

**Applications:** ICC; IHC-P; IHC-F; IF; ELISA.

## [ **IMMUNOGEN** ]

**Immunogen:** Synthetic Peptide, Calcitonin conjugated to OVA.

**Accession No.:** CPA472Hu21

**Sequence:** The target peptide sequence is listed below.

NKFHTFPQTA IGVGAP

F

## [ **APPLICATIONS** ]

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

## [ **FORMULATION** ]

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

## [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** 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.