

## Datasheet for ABIN7631114 **anti-CTXII antibody (Biotin)**



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### Overview

|              |  |
|--------------|--|
| Quantity:    | 1 mL   |
| Target:      | CTXII (CTX-II)   |
| Reactivity:  | Human  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This CTXII antibody is conjugated to Biotin                                  |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC) |

### Product Details

|               |  |
|---------------|--|
| Purpose:      | Biotin-Linked Polyclonal Antibody to Cross Linked C-Telopeptide Of Type II Collagen (CTXII)  |
| Immunogen:    | PAA686Hu01 Polyclonal Antibody to Cross Linked CTelopeptide Of Type II Collagen (CTXII)  |
| Isotype:      | IgG  |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against CTXII. It has been selected for its ability to recognize CTXII in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CTXII (CTX-II)   |
| Alternative Name: | Cross Linked C-Telopeptide Of Type II Collagen ( <a href="#">CTX-II Products</a> ) |
| Background:       | CTX-II, CTX2   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL<br>Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user. |
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| 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. |
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|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 500 µg/mL   |
| 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. |