

Datasheet for ABIN545705
anti-MMP12 antibody (C-Term)[Go to Product page](#)

2 Images

2 Publications

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | MMP12 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MMP12 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|---|
| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of MMP12. |
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MMP12. |
| Cross-Reactivity: | Human, Mouse |

Target Details

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|-------------------|---|
| Target: | MMP12 |
| Alternative Name: | MMP-12 (MMP12 Products) |
| Gene ID: | 4321 |

Application Details

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|--------------------|---|
| Application Notes: | ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user. |
|--------------------|---|

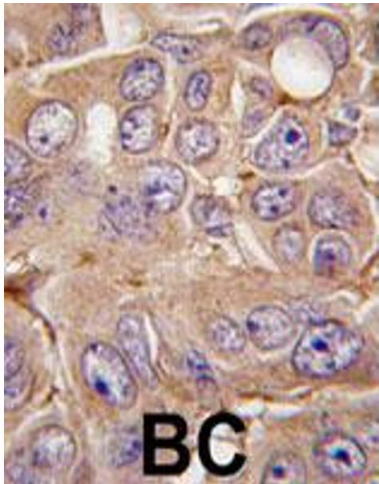
| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | In PBS (0.09 % sodium azide) |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: 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 long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

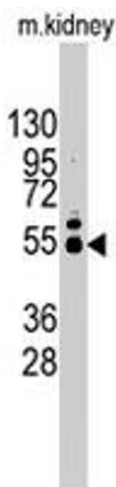
Publications

| | |
|-------------------|---|
| Product cited in: | Lang, Kocourek, Braun, Tschesche, Huber, Bode, Maskos: "Substrate specificity determinants of human macrophage elastase (MMP-12) based on the 1.1 Å crystal structure." in: Journal of molecular biology , Vol. 312, Issue 4, pp. 731-42, (2001) (PubMed). |
| | Nar, Werle, Bauer, Dollinger, Jung: "Crystal structure of human macrophage elastase (MMP-12) in complex with a hydroxamic acid inhibitor." in: Journal of molecular biology , Vol. 312, Issue 4, pp. 743-51, (2001) (PubMed). |



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with MMP12 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of MMP12 polyclonal antibody in mouse kidney tissue lysate (35 ug/lane). MMP12 (arrow) was detected using the purified polyclonal antibody (1 : 240 dilution).