


Product datasheet

Anti-TIMP4 antibody ab231037

2 Images

Overview

<b>Product name</b>	Anti-TIMP4 antibody
<b>Description</b>	Rabbit polyclonal to TIMP4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Pig 
<b>Immunogen</b>	Recombinant fragment corresponding to Pig TIMP4 aa 10-170. Expressed in E. coli. Two N-terminal tags, His-tag and GST-tag. Database link: <a href="#">I3LEZ2</a>
<b>Positive control</b>	WB: Human BXPC3 lysate. Recombinant pig TIMP4 protein.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231037** in the following tested applications.

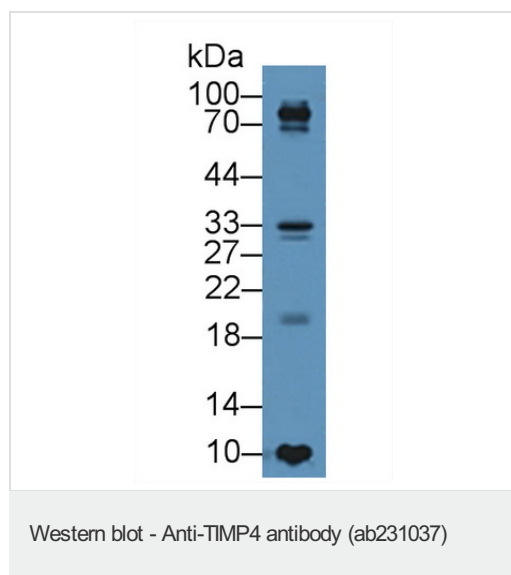
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml.

## Target

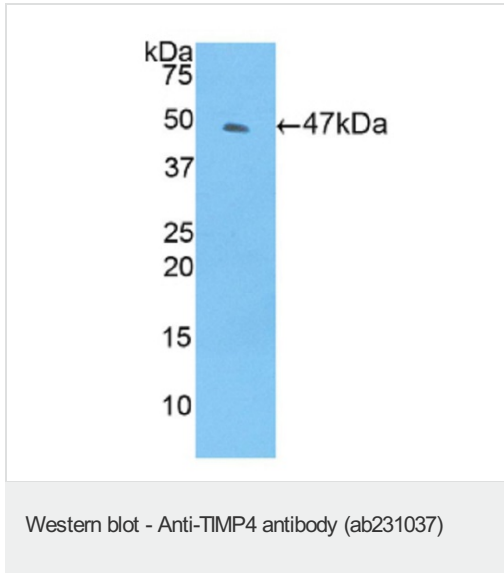
<b>Function</b>	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.
<b>Tissue specificity</b>	Abundant in heart and present at low levels in many other tissues.
<b>Sequence similarities</b>	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.
<b>Cellular localization</b>	Secreted.

## Images



Anti-TIMP4 antibody (ab231037) at 2 µg/ml + human BXPC3 lysate

Developed using the ECL technique.



Anti-TIMP4 antibody (ab231037) at 2 µg/ml + recombinant pig TIMP4 protein

Developed using the ECL technique.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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