




## Product datasheet

# Anti-TMX2 antibody ab243436

4 Images

### Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TMX2 antibody  |
| <b>Description</b>         | Rabbit polyclonal to TMX2   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat, Cow, Rhesus monkey, Orangutan    |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human TMX2 aa 100-250.<br>Database link: <a href="#">Q9Y320</a><br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>  |
| <b>Positive control</b>    | IHC-P: Human cerebral cortex tissue, heart muscle tissue, kidney tissue, small intestines tissue.   |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

### Properties

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|                             |   |
|-----------------------------|---|
| <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: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 40% Glycerol (glycerin, glycerine), PBS                             |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

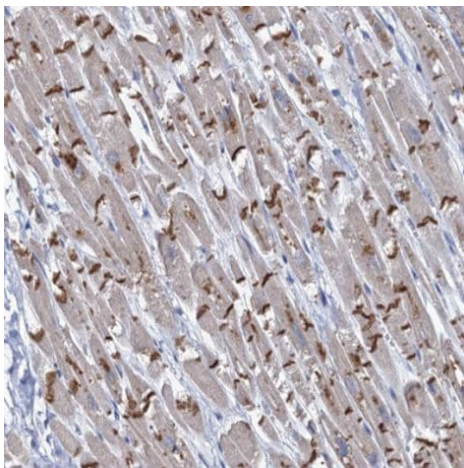
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab243436 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| IHC-P       |           | 1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

## Target

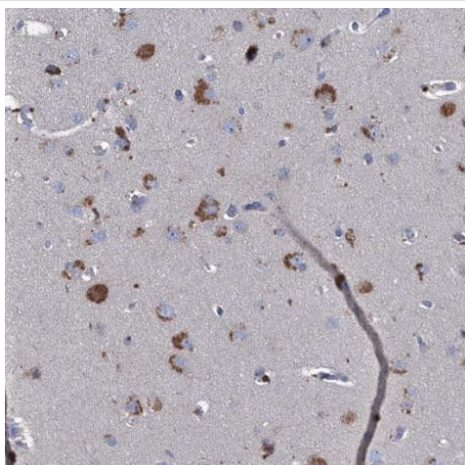
|                              |   |
|------------------------------|---|
| <b>Tissue specificity</b>    | Widely expressed.   |
| <b>Sequence similarities</b> | Contains 1 thioredoxin domain.  |
| <b>Domain</b>                | The thioredoxin domain lacks the 2 redox-active cysteines, suggesting that it lacks thioredoxin activity.<br>The di-lysine motif confers endoplasmic reticulum localization for type I membrane proteins. |
| <b>Cellular localization</b> | Membrane.   |

## Images



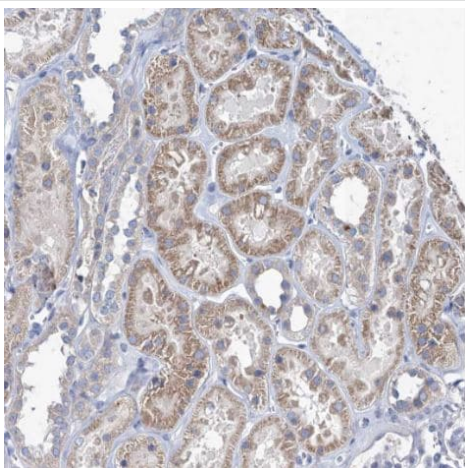
Paraffin embedded human heart muscle tissue stained for p38IP using ab243436 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMX2 antibody (ab243436)



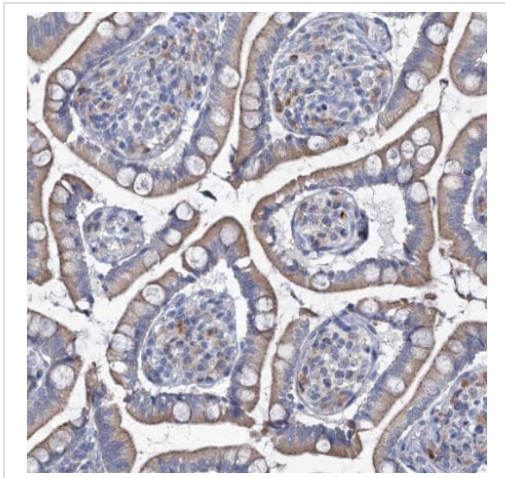
Paraffin embedded human cerebral cortex tissue stained for p38IP using ab243436 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMX2 antibody (ab243436)



Paraffin embedded human kidney tissue stained for p38IP using ab243436 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMX2 antibody (ab243436)



Paraffin embedded human small intestines tissue stained for p38IP using ab243436 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMX2 antibody (ab243436)

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

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