

Product datasheet

Anti-Trefoil Factor 3 antibody ab231546

5 Images

Overview

Product name	Anti-Trefoil Factor 3 antibody
Description	Rabbit polyclonal to Trefoil Factor 3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat Predicted to work with: Mouse
Immunogen	Recombinant fragment corresponding to Rat Trefoil Factor 3 aa 23-81. (N-terminal His and GST Tag; expressed in E.coli). Sequence: QEFVGLSPSQCMVPANVRVDCGYPTVTSEQCNNRGCCF DSSIIPNVPWCFK PLQETECTF Database link: Q03191 Run BLAST with Run BLAST with
Positive control	IHC-P: Rat intestine, kidney and stomach tissues. WB: Rat uterus lysate; Recombinant rat Trefoil Factor 3 protein.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team</p>

ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	ab231546 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231546** in the following tested applications.

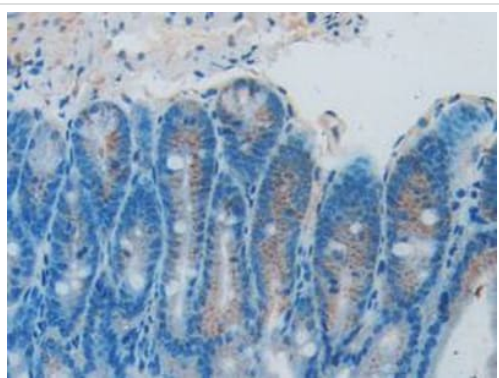
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 9 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

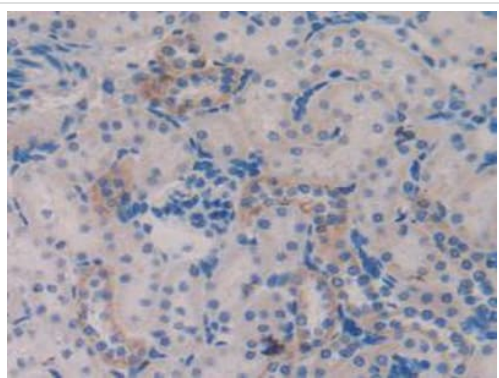
Function	Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen).
Tissue specificity	Expressed in goblet cells of the intestines and colon (at protein level). Expressed by goblet cells of small and large intestinal epithelia and also by the uterus.
Sequence similarities	Contains 1 P-type (trefoil) domain.
Cellular localization	Secreted > extracellular space > extracellular matrix > apical lamina.

Images



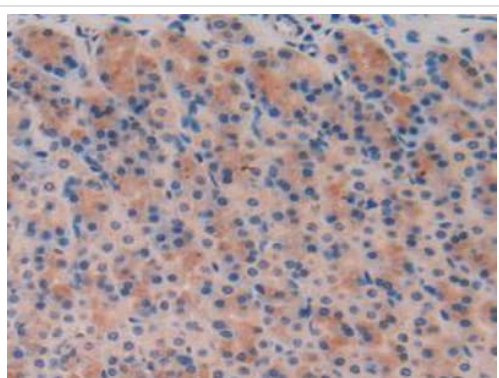
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Trefoil Factor 3 antibody (ab231546)

Paraffin-embedded rat intestine tissue stained for Trefoil Factor 3 using ab231546 at 20 $\mu\text{g/ml}$ in immunohistochemical analysis. DAB staining.



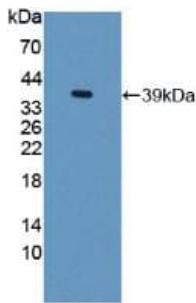
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Trefoil Factor 3 antibody (ab231546)

Paraffin-embedded rat kidney tissue stained for Trefoil Factor 3 using ab231546 at 20 $\mu\text{g/ml}$ in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Trefoil Factor 3 antibody (ab231546)

Paraffin-embedded rat stomach tissue stained for Trefoil Factor 3 using ab231546 at 20 $\mu\text{g/ml}$ in immunohistochemical analysis. DAB staining.



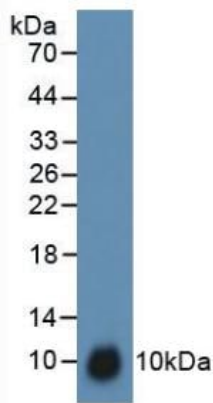
Western blot - Anti-Trefoil Factor 3 antibody
(ab231546)

Anti-Trefoil Factor 3 antibody (ab231546) at 3 µg/ml +
Recombinant rat Trefoil Factor 3 protein

Secondary

HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 9 kDa



Western blot - Anti-Trefoil Factor 3 antibody
(ab231546)

Anti-Trefoil Factor 3 antibody (ab231546) at 3 µg/ml + Rat uterus
lysate

Secondary

HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 9 kDa

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

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