



Product datasheet

Anti-Transketolase antibody ab232819

6 Images

Overview

Product name	Anti-Transketolase antibody
Description	Rabbit polyclonal to Transketolase
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	<p>Recombinant fragment (His-T7-tag) corresponding to Rat Transketolase aa 1-286. Expressed in E.coli. N-terminal tags.</p> <p>Sequence:</p> <p>MDPVRQIQCDREGKRFPFLSAPPASTSSPDRA MEGYHKP DQKQLQALKDT ANRLRISSIQATTAAGSGHPTSCCSAAEIMAVLFFHTMRYK ALDPRNPHN DRFVLSKGHAAPIYAVWAEAGFLPEAELLNLRKISSDL D GHPV PKQAF T DVATGSLGQGLGAACGMAYTGKYFDKASYRVYCM LGDG EVSEGSVWEAMA FAGYKLDNLVAIFDINRLGQSDPAPLQHQVDVYQKRCEAF GWHAIVDG HSVEELCKAFGQAKHQPTAIAKTFKGRGITGIEDK</p> <p>Database link: G3V826</p> <p style="text-align: right;"> Run BLAST with  Run BLAST with</p>
Positive control	IHC-P: Rat colon, liver and spinal cord tissues. WB: HeLa cell lysate; Recombinant rat Transketolase 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</p>

Abpromise guaranteed for.

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.

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.

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 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	ab232819 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 **ab232819** 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. Predicted molecular weight: 71 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Sequence similarities Belongs to the transketolase family.

Images



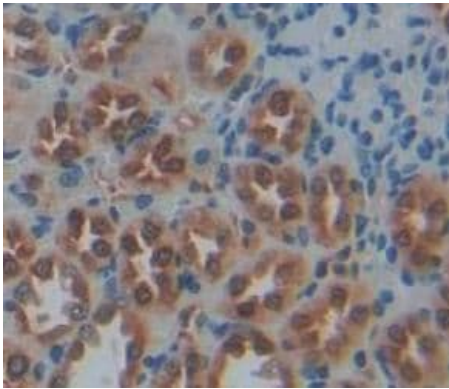
Western blot - Anti-Transketolase antibody
(ab232819)

Anti-Transketolase antibody (ab232819) at 1 µg/ml + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Secondary

HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 0.2 µg/ml

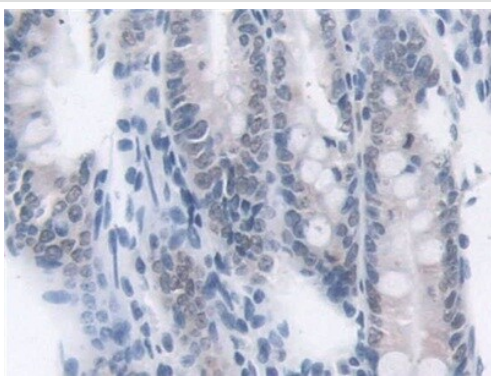
Predicted band size: 71 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody
(ab232819)

Formalin-fixed, paraffin-embedded rat kidney tissue stained for Transketolase using ab232819 at 10 µg/ml in immunohistochemical analysis.

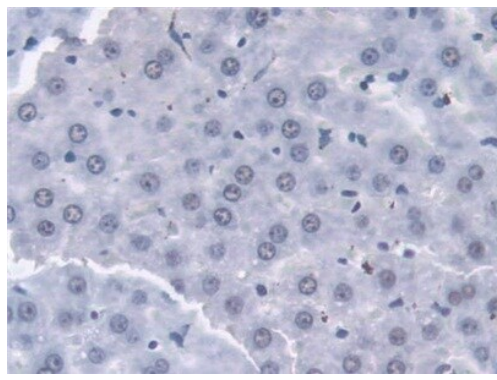
Secondary used: HRP-Linked Goat anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody
(ab232819)

Formalin-fixed, paraffin-embedded rat colon tissue stained for Transketolase using ab232819 at 10 µg/ml in immunohistochemical analysis.

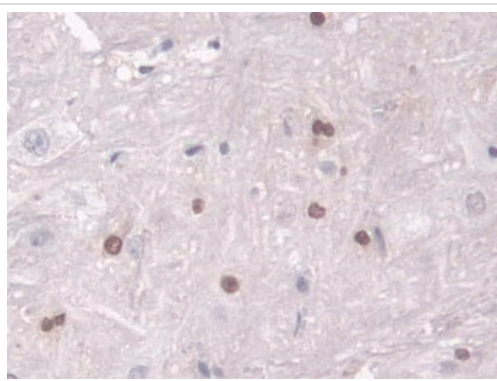
Secondary used: HRP-Linked Goat anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab232819)

Formalin-fixed, paraffin-embedded rat liver tissue stained for Transketolase using ab232819 at 10 µg/ml in immunohistochemical analysis.

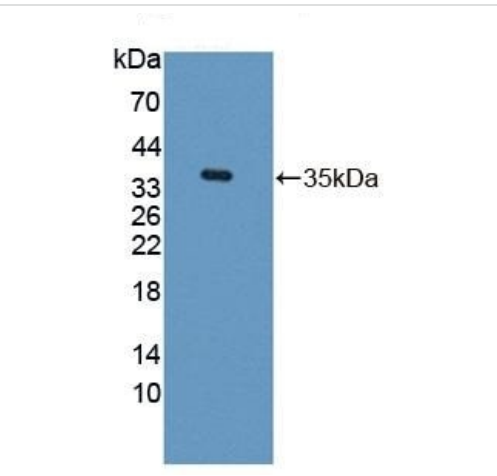
Secondary used: HRP-Linked Goat anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Transketolase antibody (ab232819)

Formalin-fixed, paraffin-embedded rat spinal cord tissue stained for Transketolase using ab232819 at 10 µg/ml in immunohistochemical analysis.

Secondary used: HRP-Linked Goat anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Western blot - Anti-Transketolase antibody (ab232819)

Anti-Transketolase antibody (ab232819) at 2 µg/ml + Recombinant rat Transketolase protein

Predicted band size: 71 kDa

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