

Product datasheet

Anti-DAI antibody ab232977

★★★★★ 1 Abreviews 5 Images

Overview

Product name	Anti-DAI antibody
Description	Rabbit polyclonal to DAI
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment (His-tag) corresponding to Human DAI aa 10-167. Expressed in E.coli. Database link: Q9H171
Positive control	WB: Recombinant human DAI; Human serum; Jurkat whole cell lysate (ab7899). IHC-P: Human kidney, liver and colorectal cancer tissue.
General notes	This product was previously labelled as Z DNA binding protein

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

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.

In preparation for this, we have started to update the applications & species that this product is 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	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab232977** in the following tested applications.

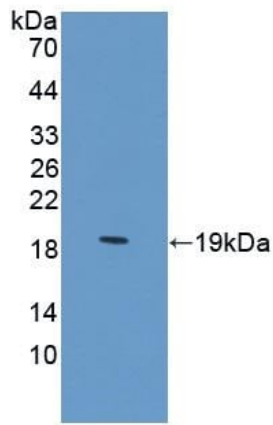
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 46 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function	May play a role in host defense against tumors and pathogens. Binds Z-DNA.
Tissue specificity	Highly expressed in lymphatic tissues including lymph node, leukocytes, tonsil, bone marrow and spleen. Expressed to a lesser extent in thymus, lung and liver.
Sequence similarities	Contains 2 DRADA repeats.

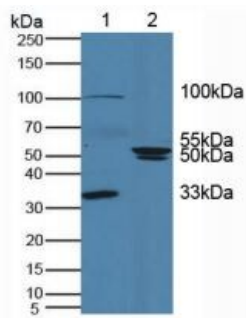
Images



Western blot - Anti-DAI antibody (ab232977)

Anti-DAI antibody (ab232977) at 2 µg/ml + Recombinant human DAI.

Predicted band size: 46 kDa



Western blot - Anti-DAI antibody (ab232977)

All lanes : Anti-DAI antibody (ab232977) at 2 µg

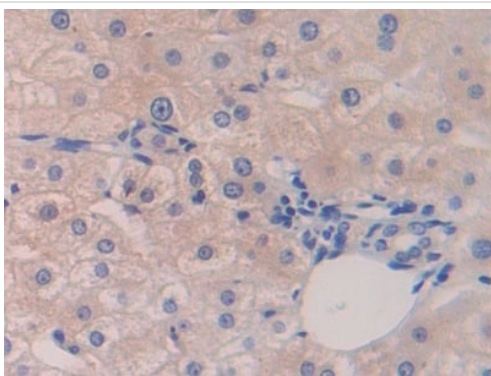
Lane 1 : Human serum

Lane 2 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Secondary

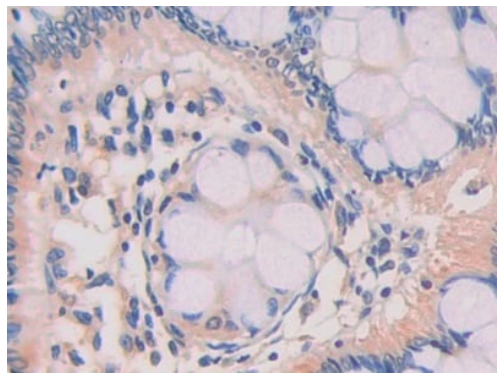
All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/1000 dilution

Predicted band size: 46 kDa



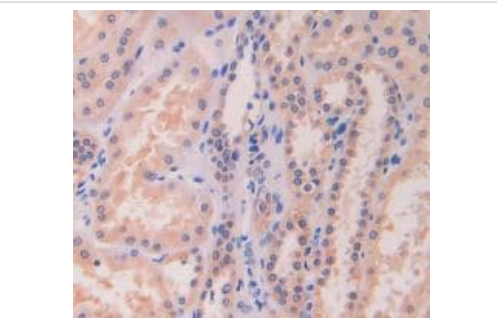
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DAI antibody (ab232977)

Formalin-fixed, paraffin-embedded human liver tissue stained for DAI using ab232977 at 30 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DAI antibody (ab232977)

Formalin-fixed, paraffin-embedded human colorectal cancer tissue stained for DAI using ab232977 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DAI antibody (ab232977)

Formalin-fixed, paraffin-embedded human kidney tissue stained for DAI using ab232977 at 20 µg/ml in immunohistochemical analysis. DAB staining.

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

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