




Product datasheet

Anti-NAT2/AT-2 antibody ab232822

4 Images

Overview

Product name	Anti-NAT2/AT-2 antibody
Description	Rabbit polyclonal to NAT2/AT-2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Hamster 
Immunogen	Recombinant fragment corresponding to Rat NAT2/AT-2 aa 1 to the C-terminus. Two N-terminal tags, His-tag and GST-tag. Expressed in E.coli. Database link: P50298  Run BLAST with  Run BLAST with
Positive control	IHC-P: Rat heart tissue. WB: Recombinant rat NAT2/AT-2 protein; Mouse liver lysate; Rat serum.
General notes	<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&As</p>

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: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab232822 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: 34 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function

Participates in the detoxification of a plethora of hydrazine and arylamine drugs. Catalyzes the N- or O-acetylation of various arylamine and heterocyclic amine substrates and is able to bioactivate several known carcinogens.

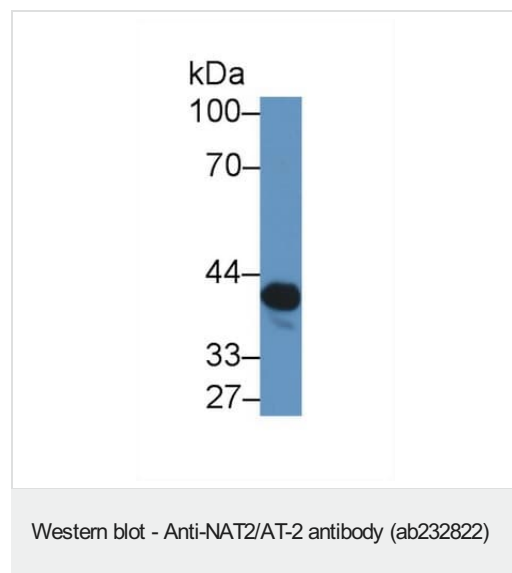
Sequence similarities

Belongs to the arylamine N-acetyltransferase family.

Cellular localization

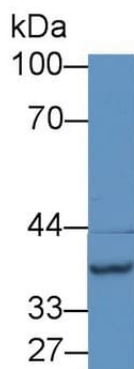
Cytoplasm.

Images



Anti-GKN2 antibody (**ab232821**) at 2 µg/ml + Rat serum.

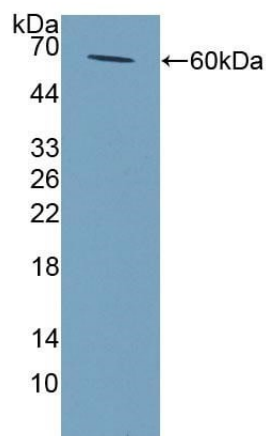
Predicted band size: 34 kDa



Western blot - Anti-NAT2/AT-2 antibody (ab232822)

Anti-NAT2/AT-2 antibody (ab232822) at 2 μ g/ml + Mouse liver tissue lysate.

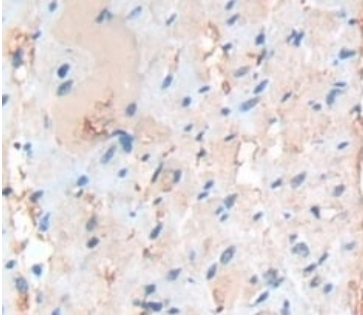
Predicted band size: 34 kDa



Western blot - Anti-NAT2/AT-2 antibody (ab232822)

Anti-NAT2/AT-2 antibody (ab232822) at 2 μ g/ml + Recombinant rat NAT2/AT-2 protein.

Predicted band size: 34 kDa



Formalin-fixed, paraffin-embedded rat heart tissue stained for NAT2/AT-2 using ab232822 at 20µg/mL in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NAT2/AT-2 antibody (ab232822)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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