




Product datasheet

Anti-DBI antibody ab232760

3 Images

Overview

Product name	Anti-DBI antibody
Description	Rabbit polyclonal to DBI
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cow 
Immunogen	Recombinant full length protein (His-tag) corresponding to Human DBI aa 1 to the C-terminus. (Expressed in E.coli). Database link: P07108-2  Run BLAST with  Run BLAST with
Positive control	WB: Mouse spleen lysate; Recombinant human DBI protein. IHC-P: Human liver tissue.
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 ab232760 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 - 2 µg/ml. Predicted molecular weight: 10 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

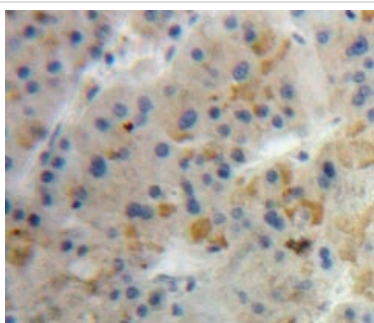
Target

Function Binds medium- and long-chain acyl-CoA esters with very high affinity and may function as an intracellular carrier of acyl-CoA esters. It is also able to displace diazepam from the benzodiazepine (BZD) recognition site located on the GABA type A receptor. It is therefore possible that this protein also acts as a neuropeptide to modulate the action of the GABA receptor.

Tissue specificity Isoform 1 is ubiquitous, with a moderate expression level. Isoform 2 is ubiquitous with high level in liver and adipose tissue. Isoform 3 is ubiquitous with strong expression in adipose tissue and heart.

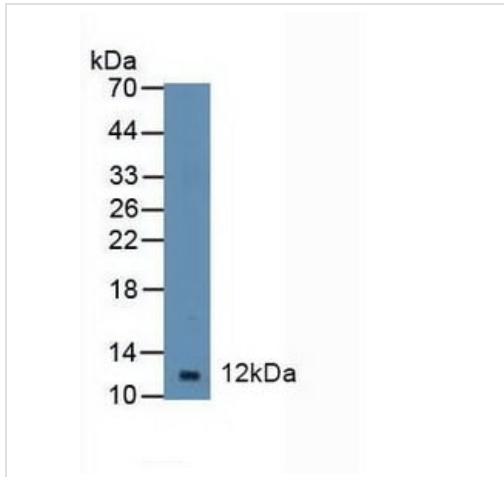
Sequence similarities Belongs to the ACBP family.
Contains 1 ACB (acyl-CoA-binding) domain.

Images



Formalin-fixed, paraffin-embedded human liver tissue stained for Diazepam binding protein using ab232760 at 20 µg/mL in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DBI antibody (ab232760)



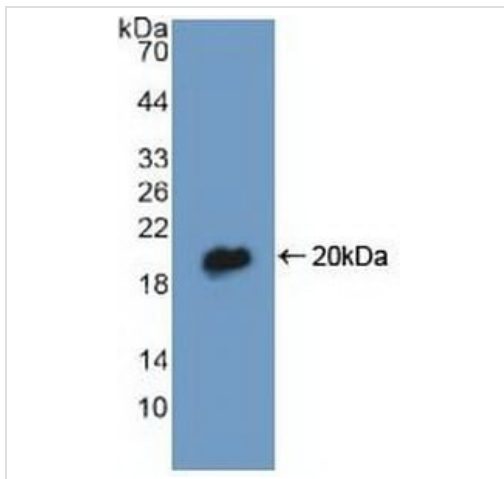
Western blot - Anti-DBI antibody (ab232760)

Anti-DBI antibody (ab232760) at 3 µg/ml + Mouse spleen tissue

Secondary

HRP-Linked Guinea pig anti-rabbit at 1/2000 dilution

Predicted band size: 10 kDa



Western blot - Anti-DBI antibody (ab232760)

Anti-DBI antibody (ab232760) at 3 µg/ml + Recombinant human DBI protein

Secondary

HRP-Linked Guinea pig anti-rabbit at 1/2000 dilution

Predicted band size: 10 kDa

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

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