

Product datasheet

Anti-CES2 antibody ab215042

1 Image

Overview

Product name	Anti-CES2 antibody
Description	Sheep polyclonal to CES2
Host species	Sheep
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment corresponding to Mouse CES2 aa 27-557. (Predicted) (Derived from Mouse myeloma cell line NS0). Database link: Q91WGO
Positive control	Mouse liver tissue lysate.
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	Constituent: 100% PBS
Purity	Immunogen affinity purified
Purification notes	The IgG fraction of immunized serum was purified by antigen affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab215042 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		1/1000 - 1/2000. Detects a band of approximately 58-62 kDa (predicted molecular weight: 62 kDa).

Target

Function

Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Shows high catalytic efficiency for hydrolysis of cocaine, 4-methumbelliferyl acetate, heroin and 6-monoacetylmorphine.

Tissue specificity

Preferentially expressed in intestine with moderate expression in liver. Within the intestine, highest expression is found in small intestine with lower expression in colon and rectum.

Sequence similarities

Belongs to the type-B carboxylesterase/lipase family.

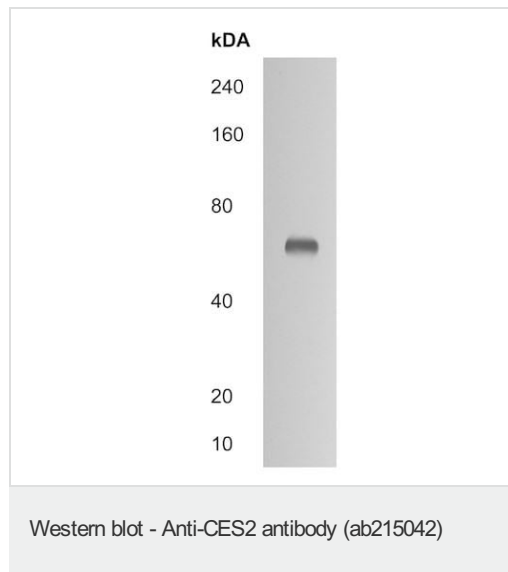
Post-translational modifications

Glycosylated.

Cellular localization

Endoplasmic reticulum lumen.

Images



Anti-CES2 antibody (ab215042) at 1/1000 dilution + Mouse liver tissue lysate

Predicted band size: 62 kDa

Observed band size: 58-62 kDa

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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- We provide support in Chinese, English, French, German, Japanese and Spanish
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