




Product datasheet

Anti-SERINC5 antibody ab204400

★★★★★ [1 Abreviews](#) [3 References](#) [3 Images](#)

Overview

Product name	Anti-SERINC5 antibody
Description	Rabbit polyclonal to SERINC5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cynomolgus monkey 
Immunogen	Recombinant fragment corresponding to Human SERINC5 aa 300-400. Database link: Q86VE9  Run BLAST with  Run BLAST with
Positive control	Human esophagus tissue; Human tonsil tissue lysate; U-2OS cells.
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab204400 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		1/100 - 1/250. Predicted molecular weight: 47 kDa.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 1 - 4 µg/ml.

Target

Function

Enhances the incorporation of serine into phosphatidylserine and sphingolipids. May play a role in providing serine molecules for the formation of myelin glycosphingolipids in oligodendrocytes.

Tissue specificity

Highly expressed in placenta, skeletal muscle, spleen, thymus, testis and peripheral leukocyte and is expressed weakly in the heart, liver and fetal brain.

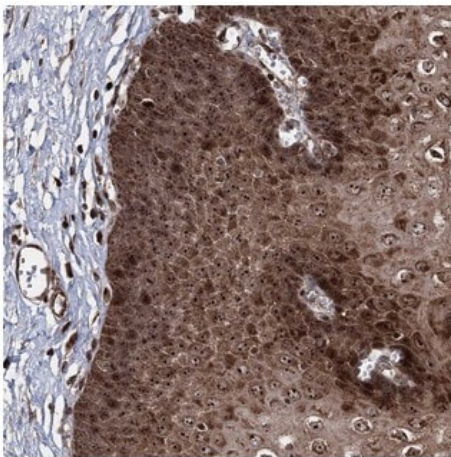
Sequence similarities

Belongs to the TDE1 family.

Cellular localization

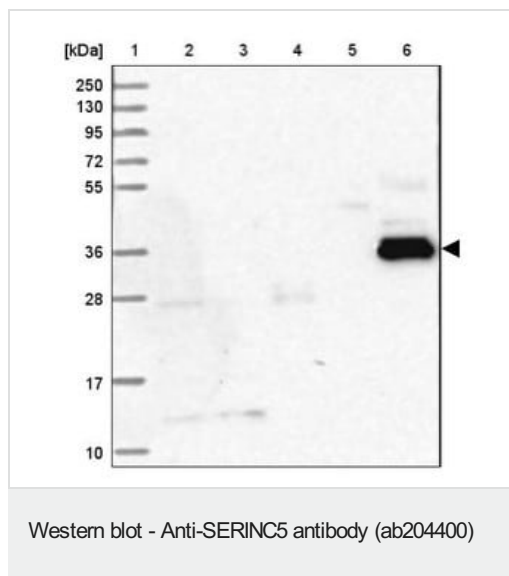
Endoplasmic reticulum membrane.

Images



Immunohistochemical analysis of paraffin-embedded Human esophagus tissue labeling SERINC5 with ab204400 antibody at a dilution of 1/500.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SERINC5 antibody (ab204400)



All lanes : Anti-SERINC5 antibody (ab204400) at 1/100 dilution

Lane 1 : Molecular weight marker

Lane 2 : RT-4 cell lysate

Lane 3 : U-251 MG cell lysate

Lane 4 : Human Plasma

Lane 5 : Human liver tissue lysate

Lane 6 : Human tonsil tissue lysate

Developed using the ECL technique.

Predicted band size: 47 kDa



Immunofluorescent analysis of PFA-fixed, Triton X-100

permeabilized U-2 OS cells labeling SERINC5 with ab204400 at 4 µg/mL (green).

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

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