


Product datasheet

Anti-TAGLN/Transgelin antibody ab155272

★★★★★ [2 Abreviews](#) [13 References](#) [5 Images](#)

Overview

Product name	Anti-TAGLN/Transgelin antibody
Description	Rabbit polyclonal to TAGLN/Transgelin
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Chicken, Cow 
Immunogen	Recombinant fragment corresponding to Human TAGLN/Transgelin (internal sequence). Database link: Q01995
Positive control	Recombinant Human SM22 alpha protein (ab101469) can be used as a positive control in WB. HepG2 whole cell lysate, Mouse liver whole cell lysate, A-10 cells treated with MG132. HeLa cells. Ca922 xenograft.
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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155272 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)	1/1000 - 1/10000. Predicted molecular weight: 23 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function

Actin cross-linking/gelling protein (By similarity). Involved in calcium interactions and contractile properties of the cell that may contribute to replicative senescence.

Sequence similarities

Belongs to the calponin family.

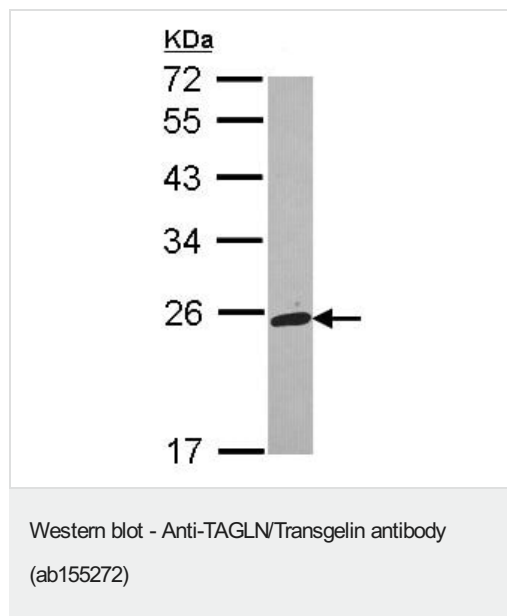
Contains 1 calponin-like repeat.

Contains 1 CH (calponin-homology) domain.

Cellular localization

Cytoplasm.

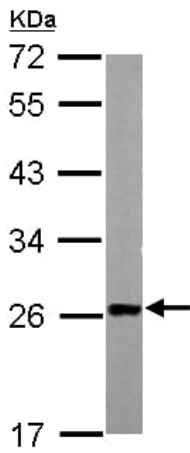
Images



Anti-TAGLN/Transgelin antibody (ab155272) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 23 kDa

12% SDS PAGE

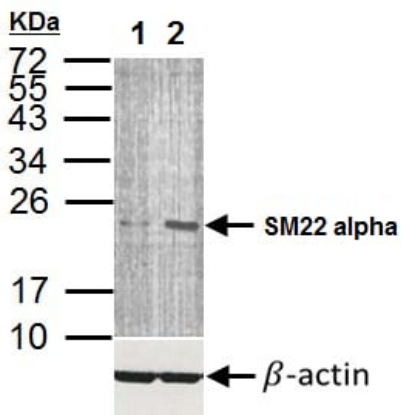


Western blot - Anti-TAGLN/Transgelin antibody
(ab155272)

Anti-TAGLN/Transgelin antibody (ab155272) at 1/1000 dilution +
Mouse liver whole cell lysate at 50 μ g

Predicted band size: 23 kDa

12% SDS PAGE



Western blot - Anti-TAGLN/Transgelin antibody
(ab155272)

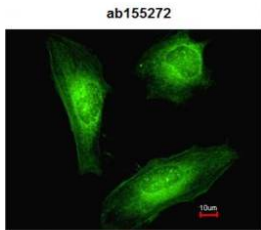
All lanes : Anti-TAGLN/Transgelin antibody (ab155272) at 1/5000
dilution

Lane 1 : A-10 whole cell lysate

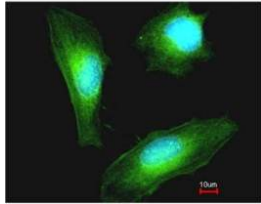
Lane 2 : A-10 whole cell lysate treated with MG132

Lysates/proteins at 35 μ g per lane.

Predicted band size: 23 kDa

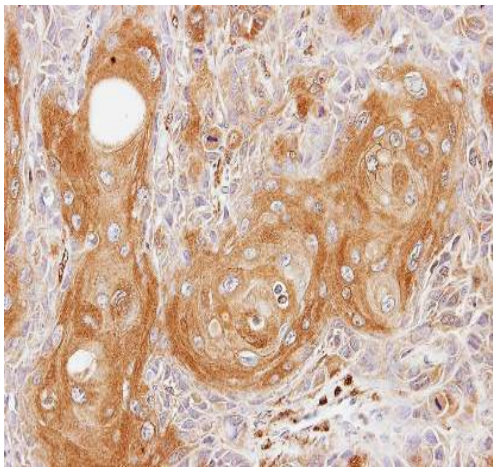


Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed HeLa cells, labeling SM22 alpha with ab155272 at 1/200 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-TAGLN/Transgelin antibody (ab155272)



Immunohistochemical analysis of paraffin-embedded Ca922 xenograft, labeling SM22 alpha with ab155272 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TAGLN/Transgelin antibody (ab155272)

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

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