


Product datasheet

Anti-T Plastin/PLS3 antibody ab233104

5 Images

Overview

Product name	Anti-T Plastin/PLS3 antibody
Description	Rabbit polyclonal to T Plastin/PLS3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human, Pig Predicted to work with: Rat, Cow, Chinese hamster 
Immunogen	Recombinant fragment (His-tag) corresponding to Human T Plastin/PLS3 aa 350-650. (Expressed in E.coli). Database link: P13797 Run BLAST with Run BLAST with
Positive control	WB: Pig liver and heart lysate; Mouse liver lysate; Recombinant human T Plastin/PLS3 protein. IHC-P: Human prostate cancer, stomach cancer and rectum cancer tissue.
General notes	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. 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

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: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

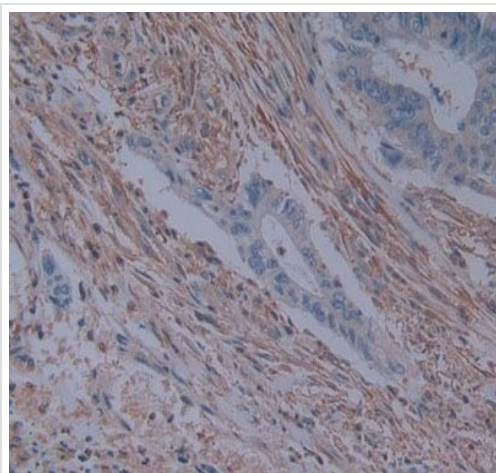
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233104 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 71 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

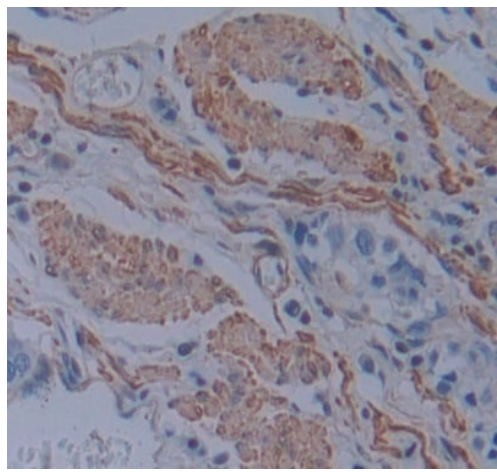
Function	Actin-bundling protein found in intestinal microvilli, hair cell stereocilia, and fibroblast filopodia.
Tissue specificity	Expressed in a variety of organs, including muscle, brain, uterus and esophagus.
Sequence similarities	Contains 2 actin-binding domains. Contains 4 CH (calponin-homology) domains. Contains 2 EF-hand domains.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm.

Images



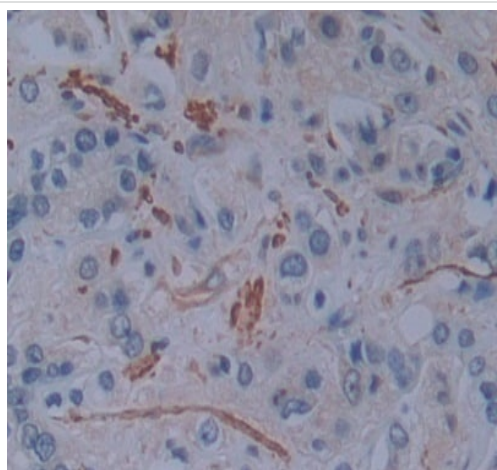
Formalin-fixed, paraffin-embedded human rectum cancer tissue stained for T Plastin/PLS3 using ab233104 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T Plastin/PLS3 antibody (ab233104)



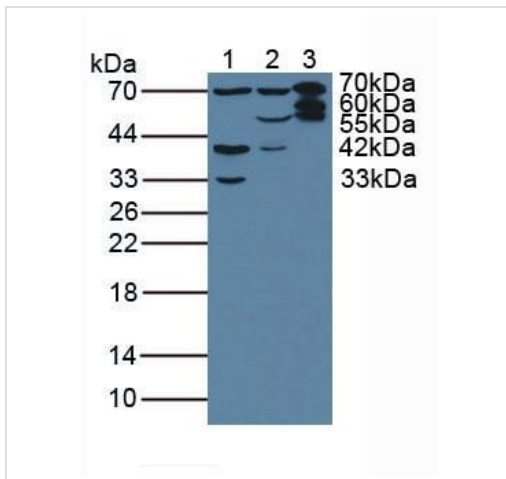
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T Plastin/PLS3 antibody (ab233104)

Formalin-fixed, paraffin-embedded human stomach cancer tissue stained for T Plastin/PLS3 using ab233104 at 10 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T Plastin/PLS3 antibody (ab233104)

Formalin-fixed, paraffin-embedded human prostate cancer tissue stained for T Plastin/PLS3 using ab233104 at 10 µg/ml in immunohistochemical analysis. DAB staining.



Western blot - Anti-T Plastin/PLS3 antibody (ab233104)

All lanes : Anti-T Plastin/PLS3 antibody (ab233104) at 2 µg/ml

Lane 1 : Pig liver tissue

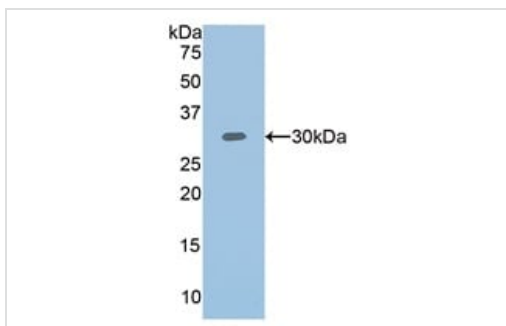
Lane 2 : Pig heart tissue

Lane 3 : Mouse liver tissue

Secondary

All lanes : HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 71 kDa



Western blot - Anti-T Plastin/PLS3 antibody (ab233104)

Anti-T Plastin/PLS3 antibody (ab233104) at 2 µg/ml + Recombinant human T Plastin/PLS3 protein

Predicted band size: 71 kDa

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

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