


Product datasheet

Anti-TRIOBP antibody ab224226

1 References 3 Images

Overview

Product name	Anti-TRIOBP antibody
Description	Rabbit polyclonal to TRIOBP
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Recombinant fragment corresponding to Human TRIOBP aa 2200-2350. Database link: Q9H2D6 Run BLAST with Run BLAST with
Positive control	WB: PC-3, U-87 MG and Caco-2 cell lysates. IHC-P: Human heart muscle 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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab224226 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 0.04 - 0.4 µg/ml. Predicted molecular weight: 261 kDa.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

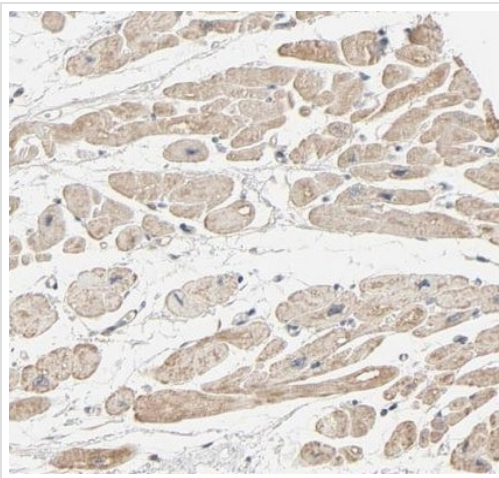
Relevance

TRIOBP is a protein that interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. This trio binding protein also associates with F actin and stabilizes F actin structures.

Cellular localization

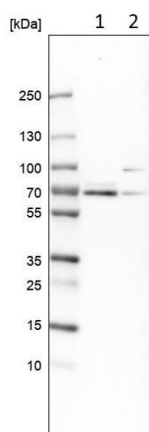
Nucleus. Cytoplasm; cytoskeleton. Note: Localized to F-actin in a periodic pattern.

Images



Paraffin-embedded human heart muscle tissue stained for TRIOBP using ab224226 at 1/50 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIOBP antibody (ab224226)



Western blot - Anti-TRIOBP antibody (ab224226)

All lanes : Anti-TRIOBP antibody (ab224226) at 1/100 dilution

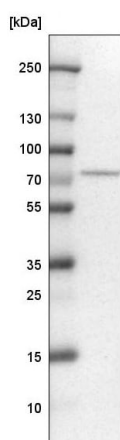
Lane 1 : PC-3 (human prostate adenocarcinoma cell line) cell lysate

Lane 2 : Caco-2 (human colorectal adenocarcinoma cell line) cell lysate

Developed using the ECL technique.

Predicted band size: 261 kDa

Additional bands at: 74 kDa (possible isoform)



Western blot - Anti-TRIOBP antibody (ab224226)

Anti-TRIOBP antibody (ab224226) at 1/100 dilution + U-87 MG (human glioblastoma-astrocytoma epithelial cell line) cell lysate

Developed using the ECL technique.

Predicted band size: 261 kDa

Additional bands at: 74 kDa (possible isoform)

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

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