


Product datasheet

Anti-TPST2 antibody [EPR10569] - BSA and Azide free ab249299

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-TPST2 antibody [EPR10569] - BSA and Azide free
Description	Rabbit monoclonal [EPR10569] to TPST2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt or ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab249299 is the carrier-free version of ab157191.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR10569
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249299 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

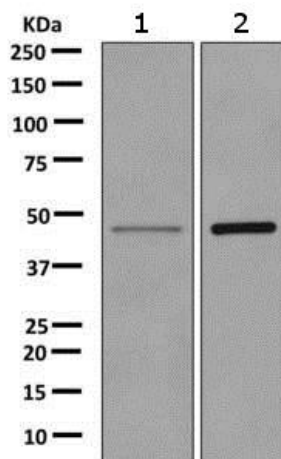
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 42 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt or ICC/IF.

Target

Function	Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the protein sulfotransferase family.
Cellular localization	Golgi apparatus membrane.

Images



Western blot - Anti-TPST2 antibody [EPR10569] - BSA and Azide free (ab249299)

All lanes : Anti-TPST2 antibody [EPR10569] (**ab157191**) at 1/1000 dilution

Lane 1 : Human fetal heart tissue lysate

Lane 2 : Human fetal liver tissue lysate

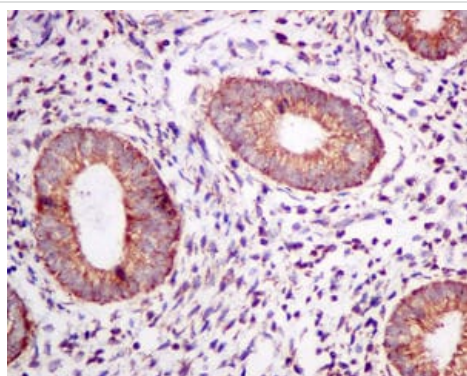
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

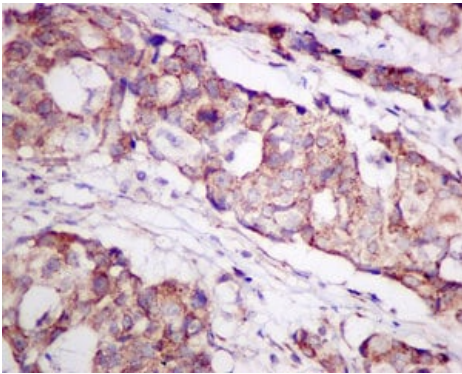
Predicted band size: 42 kDa

This data was developed using **ab157191**, the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPST2 antibody [EPR10569] - BSA and Azide free (ab249299)

This data was developed using **ab157191**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human uterus tissue labeling TPST2 with **ab157191** at 1/50 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPST2 antibody [EPR10569] - BSA and Azide free (ab249299)

This data was developed using **ab157191**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labeling TPST2 with **ab157191** at 1/50 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-TPST2 antibody [EPR10569] - BSA and Azide free (ab249299)

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

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