


## Product datasheet

### Anti-TPST2 antibody [EPR10569] ab157191

Recombinant **RabMAb**

[2 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-TPST2 antibody [EPR10569]
<b>Description</b>	Rabbit monoclonal [EPR10569] to TPST2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> Flow Cyt or ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide corresponding to Human TPST2 aa 300 to the C-terminus. Database link: <a href="#">O60704</a>
<b>Positive control</b>	Human fetal heart and liver lysates; Human uterus tissue and Human breast carcinoma tissues.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR10569

Isotype IgG

Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab157191 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

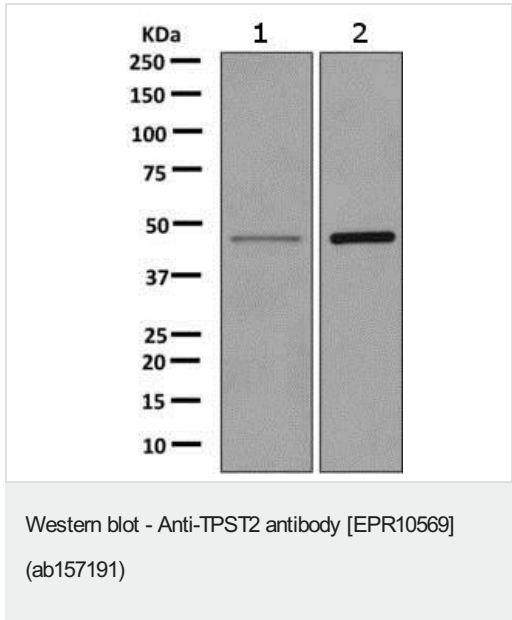
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 42 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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

Target

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

Images



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

**Lane 1 :** Human fetal heart tissue lysate

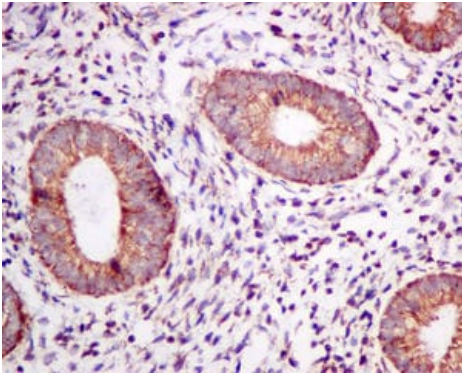
**Lane 2 :** Human fetal liver tissue lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

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

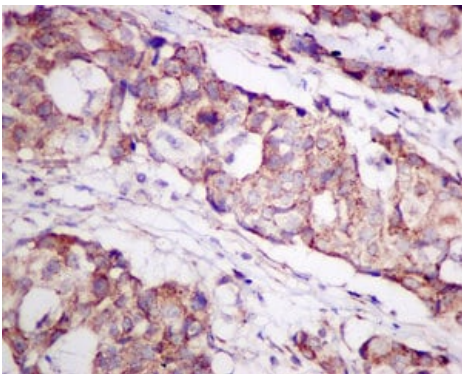
**Predicted band size:** 42 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPST2 antibody [EPR10569] (ab157191)

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] (ab157191)

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] (ab157191)

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

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