

For Research Use Only

# TFPI2 Polyclonal antibody, PBS Only

Catalog Number: 30689-1-PBS



## Basic Information

<b>Catalog Number:</b> 30689-1-PBS	<b>GenBank Accession Number:</b> NM_001271003.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7980	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P48307	
<b>Isotype:</b> IgG	<b>Full Name:</b> tissue factor pathway inhibitor 2	
<b>Immunogen Catalog Number:</b> AG33467	<b>Calculated MW:</b> 27 kDa	
	<b>Observed MW:</b> 27-36 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

TFPI2 (tissue factor pathway inhibitor 2), also known as PP5. It is expected to be located in extracellular space, and the protein is enriched in the placenta. This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. The molecular weight of TFPI2 is 27 kDa, and it can recognize the band of 36 kDa (PMID: 21421890).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

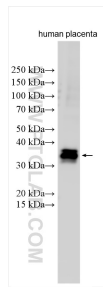
For technical support and original validation data for this product please contact:

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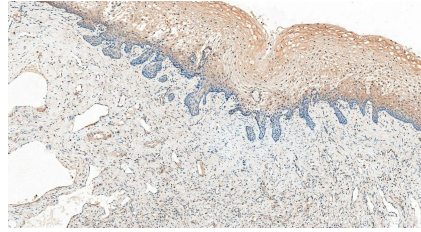
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30689-1-AP (TFPI2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30689-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 30689-1-AP (TFPI2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30689-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 30689-1-AP (TFPI2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30689-1-PBS in a different storage buffer formulation.