

For Research Use Only

CoraLite® Plus 750-conjugated TFPI2 Recombinant antibody



Catalog Number: **CL750-83279**

Basic Information

Catalog Number: CL750-83279	GenBank Accession Number: NM_001271003.1	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 7980	CloneNo.: 230135E3
Source: Rabbit	UNIPROT ID: P48307	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: tissue factor pathway inhibitor 2	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG33467	Calculated MW: 27 kDa	
	Observed MW: 26-29 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : human placenta tissue,
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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

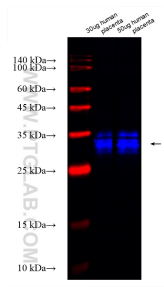
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83279 (TFPI2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.