

ARG63130 anti-Tissue Factor Pathway Inhibitor antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Tissue Factor Pathway Inhibitor
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognize isoform a (NP_006278.1) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Tissue Factor Pathway Inhibitor
Species	Human
Immunogen	C-VKIAEIEIFVKNM
Conjugation	Un-conjugated
Alternate Names	TFI; Lipoprotein-associated coagulation inhibitor; LACI; EPI; TFPI1; Tissue factor pathway inhibitor; TFPI; Extrinsic pathway inhibitor

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 7035 Human](#)

[Swiss-port # P10646 Human](#)

Background

This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been confirmed. [provided by RefSeq, Jul 2008]

Research Area

Cell Biology and Cellular Response antibody

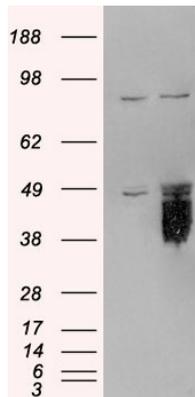
Calculated Mw

35 kDa

PTM

O-glycosylated.

Images



ARG63130 anti-Tissue Factor Pathway Inhibitor antibody WB image

Western Blot: 1). Mock transfection; 2) TFPI (RC219033) expressing plasmid transfected HEK293 cell lysate stained with ARG63130 anti-Tissue Factor Pathway Inhibitor antibody



ARG63130 anti-Tissue Factor Pathway Inhibitor antibody WB image

Western Blot: HeLa lysate (RIPA buffer, 35 µg total protein cells per lane) stained with ARG63130 anti-Tissue Factor Pathway Inhibitor antibody at 0.3 µg/ml dilution.