

MAA394Ra21

Monoclonal Antibody to Tissue Factor Pathway Inhibitor (TFPI)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: 1#

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Human;Mouse

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant TFPI (Leu29~His302) expressed in *E.coli*

Accession No.: RPA394Ra01

[APPLICATIONS]

Western blotting: 0.01-5μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

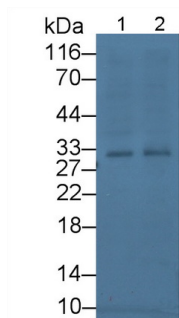
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

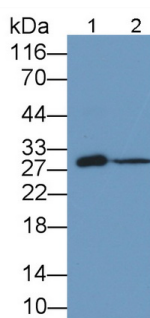
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

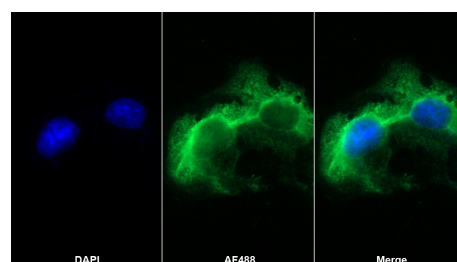
[IDENTIFICATION]



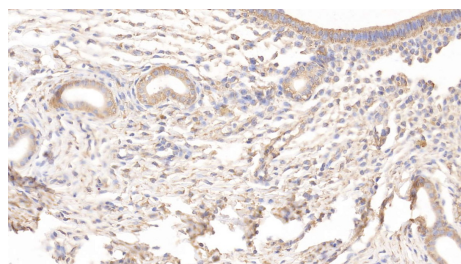
Western Blot; Sample: Lane1: Hela cell lysate; Lane2: HepG2 cell lysate
Primary Ab: 5µg/ml Mouse Anti-Rat TFPI Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19) Selected



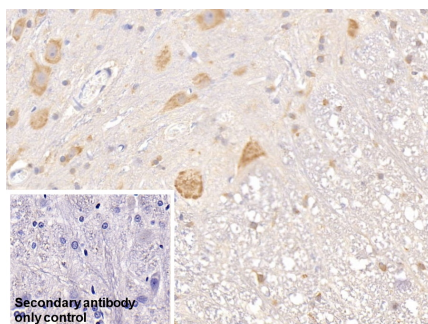
Western Blot; Sample: Lane1: Rat Serum; Lane2: Rat Lung lysate
Primary Ab: 3µg/ml Mouse Anti-Rat TFPI Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19) Selected



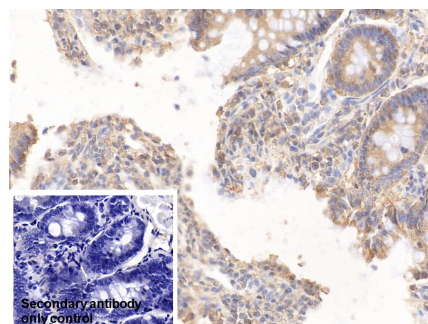
AF488 staining on IF;
Sample: Hepa1-6 cell
Primary Ab: 20µg/ml Mouse Anti-Rat TFPI Antibody
Second Ab: 2µg/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu11)



DAB staining on IHC-P; Sample: Rat Oviduct Tissue; Primary Ab: 10µg/ml Mouse Anti-Rat TFPI Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

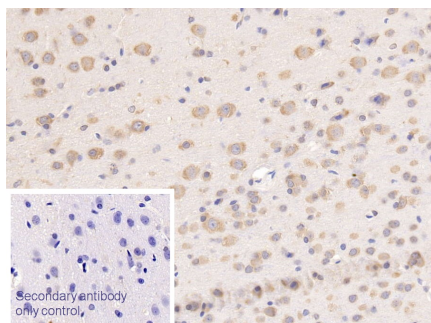


DAB staining on IHC-P;
Sample: Rat Spinal cord Tissue;
Primary Ab: 10µg/ml Mouse Anti-Rat TFPI Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)



DAB staining on IHC-P;
Sample: Rat Colon Tissue;
Primary Ab: 10µg/ml Mouse Anti-Rat TFPI Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

Secondary antibody only control: Used	Secondary antibody only control: Used
PBS instead of primary antibody ,	PBS instead of primary antibody ,
Second Ab: 2µg/mL HRP-Linked	Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal	Caprine Anti-Mouse IgG Polyclonal
Antibody	Antibody
(Catalog: SAA544Mu19)	(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Rat Cerebrum Tissue;

Primary Ab: 10µg/ml Mouse Anti-Rat

TFPI Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)

Secondary antibody only control: Used

PBS instead of primary antibody ,

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.