

**PAA415Hu01**

**Polyclonal Antibody to Elastin Microfibril Interface Located Protein 1 (EMILIN1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

**FOR RESEARCH USE ONLY**

**NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

---

13th Edition (Revised in Aug, 2023)

### **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 200μL

**Cross Reactivity:** Rat

**Applications:** WB; IHC; ICC/IF

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant EMILIN1 (Gln806~Ala1016) expressed in *E.coli*

**Accession No.:** RPA415Hu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/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.

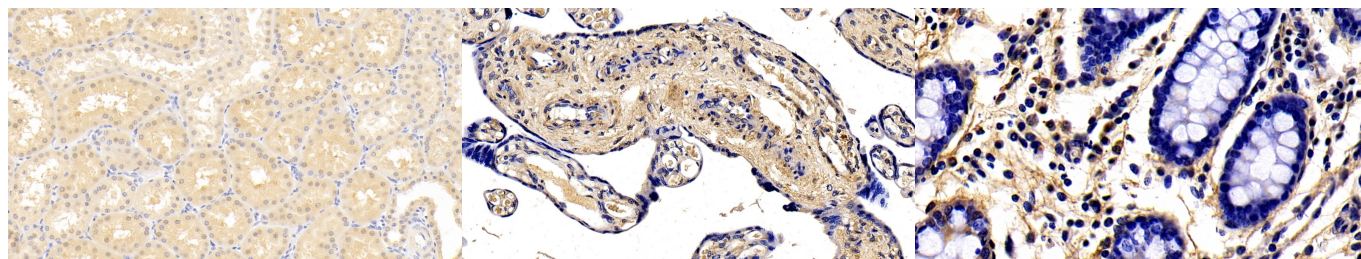
Store at 4°C for frequent use.

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.

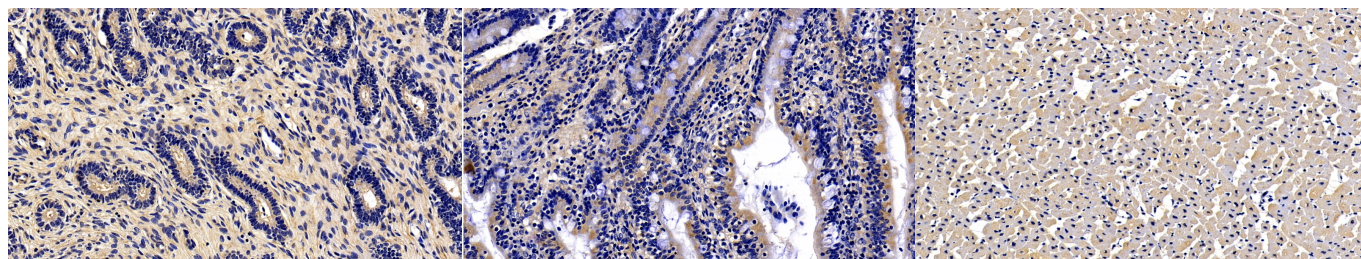
## [ IDENTIFICATION ]



DAB staining on IHC-P; Samples:  
Human Kidney Tissue; Primary Ab:  
20?g/ml Rabbit Anti-Human EMILIN1  
Antibody Second Ab: 2μg/mL HRP-  
Linked Caprine Anti-Rabbit IgG  
Polyclonal Antibody (Catalog:  
SAA544Rb19)

DAB staining on IHC-P;  
Sample: Human Placenta Tissue;  
Primary Ab: 20μg/ml Rabbit Anti-  
Human EMILIN1 Antibody  
Second Ab: 2μg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)

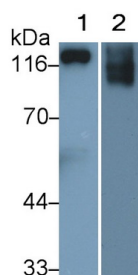
DAB staining on IHC-P;  
Sample: Human Colon Tissue;  
Primary Ab: 20μg/ml Rabbit Anti-  
Human EMILIN1 Antibody  
Second Ab: 2μg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



DAB staining on IHC-P;  
Sample: Human Uterus Tissue;  
Primary Ab: 20μg/ml Rabbit Anti-  
Human EMILIN1 Antibody  
Second Ab: 2μg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)

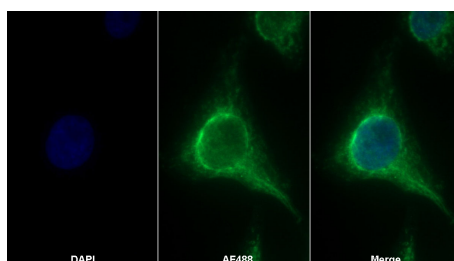
DAB staining on IHC-P;  
Sample: Human Small intestine Tissue;  
Primary Ab: 20μg/ml Rabbit Anti-  
Human EMILIN1 Antibody  
Second Ab: 2μg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)

DAB staining on IHC-P;  
Sample: Human Cardiac Muscle  
Tissue;  
Primary Ab: 20μg/ml Rabbit Anti-  
Human EMILIN1 Antibody  
Second Ab: 2μg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



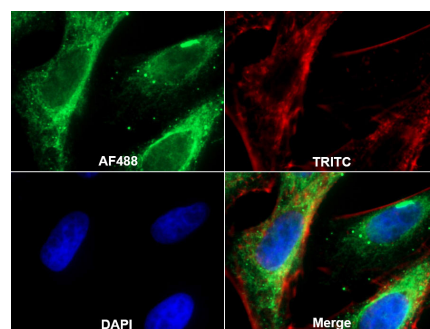
Western Blot; Sample: Lane1: Human Lung lysate; Lane2: Rat Small intestine lysate

Primary Ab: 0.1µg/ml Rabbit Anti-Human IGF1 Antibody  
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell  
Primary Ab: 20µg/ml Rabbit Anti-Human EMILIN1 Antibody  
Second Ab: 2?g/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb11)



AF488 staining on IF;  
Sample: HepG2 cell  
TRITC Phalloidin at 100 nM (shown in pseudo color red)  
Primary Ab: 20µg/ml Rabbit Anti-Human EMILIN1 Antibody  
Second Ab: 2?g/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb11)

## [ **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.