

# Factor XIIIa Polyclonal antibody

Catalog Number: 17223-1-AP

## Basic Information

**Catalog Number:**

17223-1-AP

**Size:**

133 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG11059

**GenBank Accession Number:**

BC027963

**GeneID (NCBI):**

2162

**UNIPROT ID:**

P00488

**Full Name:**

coagulation factor XIII, A1

polypeptide

**Calculated MW:**

732 aa, 83 kDa

**Observed MW:**

80-85 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

**WB** : mouse lung tissue,

**IHC** : human normal colon,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Factor XIIIa is a blood proenzyme that catalyzes intermolecular cross-linking of fibrinogen and is involved in clotting cascade. It has been identified in various tissues including placenta, uterus, and prostate. Anti- Factor XIIIa has been found to be useful in differentiating between dermatofibroma (90% positive) and desmoplastic malignant melanoma (negative). Factor XIIIa positivity is also seen in capillary hemangioblastoma, hemangioendothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma.

## Storage

**Storage:**

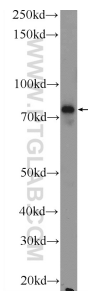
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

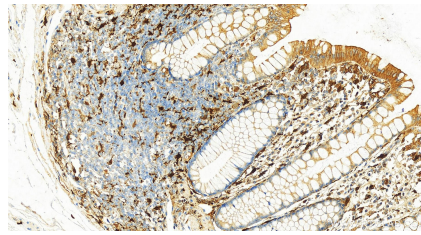
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 17223-1-AP (Factor XIIIa antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 17223-1-AP (Factor XIIIa antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).