

PAA415Mu01

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

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: EMILIN1, Mouse **Purification:** Affinity Chromatography.

Clonality: Polyclonal Applications: WB, ICC, IHC-P, IHC-F, ELISA

Host: Rabbit Concentration: 200µg/mL

Immunoglobulin Type: IgG **UOM**: 100μg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant EMILIN1 (Asp803~Gln1016) expressed in E.coli.

Accession No.: RPA415Mu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and

T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- DRLQQLSL KDFTGPSGKA GPPGPPGLQG PSGPAGPPGP PGKDGQQGAI GPPGPQGEQG AEGAPAAPVP RVAFSAALSL PRSEPGTVPF DRVLLNDGGY YDPETGVFTA PLAGRYLLSA VLTGHRHEKV EAVLSRSNLG VARIDSGGYE PEGLENKPVA ESQPSPGALG VFSLILPLQV GDTVCIDLVM GQLAHSEEPL TIFSGALLYE DTELEQ

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against EMILIN1. It has been selected for its ability to recognize EMILIN1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

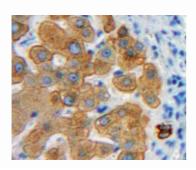
Immunohistochemistry in formalin fixed frozen section: 1:100-500



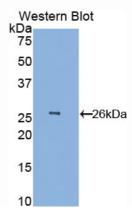
Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on fromalin fixed paraffin-embedded Liver tissue



Used in Western Blot, Sample:
Recombinant EMILIN1, Mouse

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant EMILIN1 (Asp803~Gln1016) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.