

Cleaved-Plasminogen HC A short form (V98) Polyclonal Antibody

Catalog # AP63178

Product Information

Application WB Primary Accession P00747

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW90569

Additional Information

Gene ID 5340

Other Names PLG; Plasminogen

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name PLG

Function Plasmin dissolves the fibrin of blood clots and acts as a proteolytic factor in

a variety of other processes including embryonic development, tissue remodeling, tumor invasion, and inflammation. In ovulation, weakens the walls of the Graafian follicle. It activates the urokinase-type plasminogen activator, collagenases and several complement zymogens, such as C1, C4 and C5 (PubMed:6447255). Cleavage of fibronectin and laminin leads to cell detachment and apoptosis. Also cleaves fibrin, thrombospondin and von Willebrand factor. Its role in tissue remodeling and tumor invasion may be

modulated by CSPG4. Binds to cells.

Cellular Location Secreted. Note=Locates to the cell surface where it is proteolytically cleaved

to produce the active plasmin. Interaction with HRG tethers it to the cell

surface

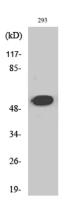
Tissue Location Present in plasma and many other extracellular fluids. It is synthesized in the

liver

Background

Plasmin dissolves the fibrin of blood clots and acts as a proteolytic factor in a variety of other processes including embryonic development, tissue remodeling, tumor invasion, and inflammation. In ovulation, weakens the walls of the Graafian follicle. It activates the urokinase-type plasminogen activator, collagenases and several complement zymogens, such as C1 and C5. Cleavage of fibronectin and laminin leads to cell detachment and apoptosis. Also cleaves fibrin, thrombospondin and von Willebrand factor. Its role in tissue remodeling and tumor invasion may be modulated by CSPG4. Binds to cells.

Images



Western Blot analysis of various cells using Cleaved-Plasminogen HC A short form (V98) Polyclonal Antibody

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