

Anti-Plasminogen Antibody

Rabbit polyclonal antibody to Plasminogen
Catalog # AP61402

Product Information

Application	WB
Primary Accession	P00747
Other Accession	P20918
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90569

Additional Information

Gene ID	5340
Other Names	Plasminogen
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Plasminogen. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

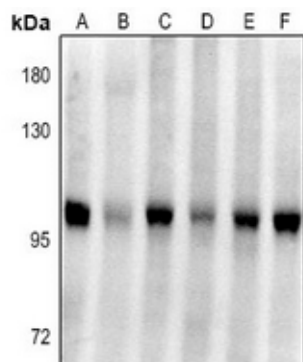
Tissue Location

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

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Plasminogen. The exact sequence is proprietary.

Images



Western blot analysis of Plasminogen expression in mouse liver (A), rat liver (B), AML12 (C), H9C2 (D), HepG2 (E), LO2 (F) whole cell lysates.

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