10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Plasminogen HC A Antibody

Catalog # AP61045

Product Information

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

Additional Information

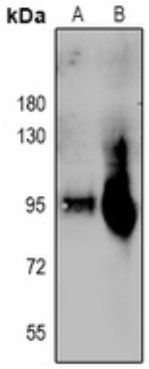
Gene ID	5340
Other Names	Plasminogen
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Plasminogen HC A. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PLG (HGNC:9071)
Function	[Plasmin]: Protease which primary function is to degrade fibrin, the main component of blood clots (PubMed:6094526, PubMed:6919539). Also cleaves other components of blood clots like thrombospondin-1/THBS1 and von Willebrand factor (VWF) (PubMed:24449821, PubMed:7679575). Can also directly and/or through the activation of other proteases degrade the various components of the extracellular matrix including collagen, fibronectin and laminin (PubMed:14699093, PubMed:28849762, PubMed:9171346). Thereby, regulates a variety of biological processes including embryonic development, tissue remodeling, and inflammation (PubMed:9171346). In ovulation, weakens the walls of the Graafian follicle (By similarity). In vitro, it is also able to cleave several complement zymogens, such as C1, C4 and C5 (PubMed:6447255).
Cellular Location	[Plasmin]: Secreted. Note=Locates to the cell surface where it is proteolytically cleaved to produce the active plasmin (PubMed:14699093). Interaction with

	HRG tethers it to the cell surface (PubMed:15613921, PubMed:19712047, PubMed:9102401)
Tissue Location	Present in plasma and many other extracellular fluids. It is synthesized in the liver

Images



Western blot analysis of Plasminogen HC A expression in PC12 (A), CT26 (B) whole cell lysates. (Predicted band size: 90 kD; Observed band size: 95 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.