

## Polyclonal Antibody to Laminin - Serum

<b>Catalog No.:</b>	AP33384SU-N
<b>Quantity:</b>	0.25 ml
<b>Background:</b>	Laminin is a glycoprotein (Mr 850 - 1.000 kD, consisting of 3 glycosylated polypeptide chains with molecular weights of 440 and 225 (2x) kD) produced by various human epithelial and mesenchymal cells, and forms an extracellular matrix of thin filaments. In normal tissues, laminin is invariably present in all basal laminae surrounding muscle, nerve, fat and decidua cells and separates epithelial and endothelial cells from abutting connective tissues. Laminin has also been identified within the cytoplasm of breast epithelia, stromal cells of the endometrium, and within endothelial, bile duct epithelial and mesenchymal cells of the liver. Laminin has been found to be involved in cellular activities such as adhesion, spreading, differentiation, polarization, proliferation, locomotion, tissue invasion and chemotactic responses. Laminin has been shown to play a role in cell adhesion and attachment in vivo and in vitro.
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Laminin isolated from Engelbrecht-Holm-Swarm (EHS)-Mouse sarcoma.
<b>Format:</b>	<b>State:</b> Liquid Serum <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>Immunocytochemistry.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections.</b> <i>Working Dilutions: 1/50-1/500.</i> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects Laminin. No cross reaction was obtained with Human type I, III, IV and V Collagen in Immunoblotting, whereas the antibody reacted with a distinct band of ~200-220 kD from a 8M Urea extract from amnion basement membrane.
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Mouse
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
<b>General Readings:</b>	1. Christensen L. The distribution of fibronectin, laminin and tetranectin in human breast cancer with special attention to the extracellular matrix. APMIS Suppl. 1992;26:1-39. PubMed PMID: 1576006.