



Sheep Anti-Human SERPINE1/PAI-1 Polyclonal antibody, HRP (CABT-L5121)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Purified protein
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	HRP
Applications	Labeled primary This antibody is for immunoassay and immunoblotting
Format	Purified, Liquid
Concentration	Lot specific
Size	200 µg
Buffer	10 mM HEPES, pH 7.4, 150 mM NaCl, 50% (v/v) glycerol.
Preservative	None
Storage	Store at -10 to -20°C
Ship	Wet ice

BACKGROUND

Introduction	The human serpin superfamily consists of at least 35 members that target not only serine proteases, but also selected cysteine proteases and non-protease proteins. Serpins bind the
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protease active site resulting in a major conformational rearrangement that traps the enzyme in a covalent acyl-enzyme intermediate. As protease inhibitors, serpins have an array of functions including regulating blood clotting, the complement pathway, extracellular matrix remodeling, and cell motility. They are also involved in activities that extend beyond their ability to inhibit proteases. For instance, they may also regulate blood pressure, angiogenesis, or act as storage/transport proteins.

Keywords

SERPINE1; serpin peptidase inhibitor; clade E (nexin; plasminogen activator inhibitor type 1); member 1; PAI; PAI1; PAI-1; PLANH1; plasminogen activator inhibitor 1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor; clade E (nexin; plasminogen activator inhibitor type 1); member 1; anti-PAI-1

GENE INFORMATION

Entrez Gene ID

[5054](#)

UniProt ID

[A0A024QYT5](#)
