

Polyclonal Antibody to Echistatin - Serum

Alternate names:	Carinatin, Disintegrin Echistatin-alpha, Disintegrin echistatin-alpha-1, Disintegrin echistatin-alpha-2, Platelet aggregation activation inhibitor
Catalog No.:	AP32748SU-N
Quantity:	0.1 ml
Background:	Echistatin belongs to the class of short (containing 8 cysteines) monomeric disintegrins, with Mr=5.5 kDa. The active site of Echistatin was localized as an RGD sequence and is known to inhibit the α IIb β 3 integrin fibrinogen receptor, as well as the α V β 3 vitronectin receptor and integrin α 5 β 1 fibronectin receptor. Echistatin inhibits ADP-induced platelet aggregation with an IC_{50} =130nM.
Uniprot ID:	P17347
NCBI:	40353
Host:	Rabbit
Immunogen:	Echistatin isolated from Echis carinatus venom with the amino acid sequence: ECESGPCCRNCKFLKEGTICKRARGDDMDDYCNGKTCDCPRNPHKGPAT
Format:	State: Liquid Serum Preservatives: None
Applications:	Western blot: 1/10,000. ELISA: 1/10,000 versus plate coated with immunogen. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This Polyclonal Echistatin Antibody Cat.-No AP32748SU-N is directed against Echistatin isolated from Echis carinatus venom.
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.