



Rabbit Anti-Human SERPINC1 Polyclonal antibody (DPABH-00081)

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

PRODUCT INFORMATION

Immunogen	Antithrombin III fusion protein, sequence: MYSNVIGTVTSGRKVYLLSLLIGFWDCVTCHGSPVDIRAKPRDIPMNPMEIYRSPEK KATEDEGSEQKIPPEATNRRVWELSKANSRFATTFYQHLADSKNDNDNIFLSPSISTAF MTKLGACNDTLQQLMEVFKFDTISEKTSDQIHFFFAKLNCRLYRKANKSSKLV DKSLTFNDLYVSDAFHKAFLLEVNEEGSEAAASTAVVIAGRSLNP EVPLNTIIFMGRVANPCVK (1-259 aa encoded by BC022309)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IHC, IF, ELISA
Positive Control	human blood tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

The protein encoded by this gene is a plasma protease inhibitor and a member of the serpin superfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulation system, and it regulates the blood coagulation cascade. The protein includes two functional domains: the heparin binding-domain at the N-terminus of the mature protein, and the reactive site domain at the C-terminus. The inhibitory activity is enhanced by the presence of heparin. More than 120 mutations have been identified for this gene, many of which are known to cause antithrombin-III deficiency.

Keywords

SERPINC1; serpin peptidase inhibitor, clade C (antithrombin), member 1; AT3; AT3D; ATIII; THPH7; antithrombin-III; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1;

GENE INFORMATION

Entrez Gene ID

[462](#)

UniProt ID

[A0A024R944](#)