

Datasheet for ABIN1419346
anti-SERPINA10 antibody (HRP)



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Overview

Quantity:	100 µL
Target:	SERPINA10
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA10 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZPI/SERPINA10
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SERPINA10
Alternative Name:	SERPINA10 (SERPINA10 Products)
Background:	Synonyms: Protein Z dependent protease inhibitor, Protein Z dependent protease inhibitor precursor, Protein Z-dependent protease inhibitor, PZ dependent protease inhibitor, PZ-dependent protease inhibitor, PZI, serine or cysteine proteinase inhibitor clade A alpha 1 antiproteinase antitrypsin member 10 , Serpin A10, Serpin peptidase inhibitor clade A alpha 1

Target Details

antiproteinase antitrypsin member 10, SERPINA 10, SERPINA10, ZPI, ZPI_HUMAN.

Background: ZPI, also known as SERPINA10 (serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10) or PZI, is a 444 amino acid secreted protein that functions as a Protein Z-dependent protease inhibitor. Expressed by the liver, ZPI is secreted into the plasma where, in the presence of calcium, Protein Z and phospholipids, it inhibits the activated pro-coagulation factors X and XI (Factor X and Factor XI). This inhibition helps properly regulate intravenous blood clotting. ZPI, a member of the serpin protein family, contains five potential N-linked glycosylation sites and a tyrosine at position 387 which, when disrupted, renders ZPI inactive. Defects in the gene encoding ZPI may increase susceptibility to venous thrombosis, the formation of blood clots within a vein.

Gene ID: 51156

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months