



Goat Anti-Human Alpha 1-Antichymotrypsin polyclonal antibody (CABT-ZB284)

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

PRODUCT INFORMATION

Target	Alpha 1-Antichymotrypsin
Immunogen	Human Alpha 1-Antichymotrypsin
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, WB, IF
Reconstitution	Reconstitution by adding 1.0 mL of reagent quality water to the product vial.
Format	Purified, Lyophilized
Size	1 mg
Buffer	PBS
Preservative	None
Storage	<p>Lyophilized material should be kept at 4°C until rehydrated and will remain stable for a minimum of 1 year.</p> <p>Store the reconstitution liquid solution at 4°C for up to a week; thereafter, aliquots should be prepared and stored frozen. Stable for a minimum of 1 year at -20°C.</p>

BACKGROUND

Introduction

SERPINA encodes Alpha 1-ACT. It is an early-stage acute-phase plasma protein and a serpin that preferentially inactivates chymotrypsin, cathepsin G, and chymase. Alpha-1-ACT, a serine protease inhibitor, is tightly associated with amyloid plaques in Alzheimer's disease (AD) and in normal aged human and monkey brain. Regulation of the serine proteases and serine protease inhibitors plays an important role in neuromuscular differentiation. Prostate specific antigen (PSA), a chymotrypsin-like serine protease, is predominantly complexed to Alpha-1-ACT.

Keywords

SERPINA3; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3; ACT; AACT; GIG24; GIG25; alpha-1-antichymotrypsin; serpin A3; growth-inhibiting protein 24; growth-inhibiting protein 25

GENE INFORMATION

Synonyms

SERPINA3; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3; ACT; AACT; GIG24; GIG25; alpha-1-antichymotrypsin; serpin A3; growth-inhibiting protein 24; growth-inhibiting protein 25

Entrez Gene ID

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UniProt ID

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