

Datasheet for ABIN5510715

**APCS ELISA Kit****1** Image[Go to Product page](#)

## Overview

Quantity:	96 tests
Target:	APCS
Binding Specificity:	AA 20-223
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

## Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human SAP/PTX2
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli Immunogen sequence: H20-V223
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Found in serum and urine. .

## Target Details

Target:	APCS
Alternative Name:	APCS ( <a href="#">APCS Products</a> )

## Target Details

Background:	<p>Protein Function: Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. May also function as a calcium-dependent lectin.</p> <p>Background: Amyloid P component, serum (SAP), also known as PTX2 or APCS, is the identical serum form of amyloid P component (AP), a 25 kDa pentameric protein first identified as the pentagonal constituent of in vivo pathological deposits called "amyloid". It belongs to the pentraxins family, characterised by calcium dependent ligand binding and distinctive flattened i<sup>2</sup>-jellyroll structure similar to that of the legume lectins. This gene is mapped to 1q23.2. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo.</p> <p>Synonyms: Serum amyloid P-component,SAP,9.5S alpha-1-glycoprotein,Serum amyloid P-component(1-203),APCS,PTX2,</p> <p>Full Gene Name: Serum amyloid P-component</p> <p>Cellular Localisation: Secreted.</p>
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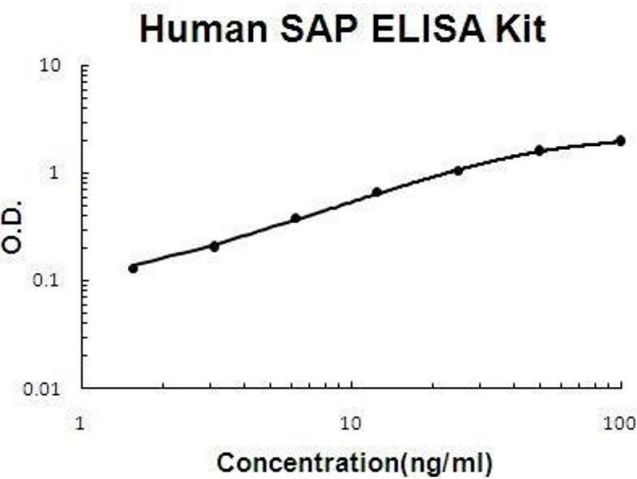
UniProt:	<a href="#">P02743</a>
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## Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months



ELISA

**Image 1.** Human SAP/PTX2 PicoKine ELISA Kit standard curve