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Datasheet for ABIN6720025 APCS ELISA Kit



Overview

Quantity:	1 kit
Target:	APCS
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	1.56 ng/mL - 100 ng/mL
Minimum Detection Limit:	1.56 ng/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: 9.5S alpha-1-glycoprotein, APCS, SAMP_HUMAN, SAP, Serum amyloid P- component(1-203) 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 beta-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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6720025 | 09/10/2023 | Copyright antibodies-online. All rights reserved. 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. Gene Name: APCS Production: Natural and recombinant rat SAP. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: Q21-S228

Target Details

Target:	APCS
Alternative Name:	SAP - PTX2 (APCS Products)
Gene ID:	29339
NCBI Accession:	NP_058866
UniProt:	P23680

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 100 ng/mL, 50 ng/mL, 25 ng/mL, 1.25 ng/mL, 6.25 ng/mL, 3.12 ng/mL,
	1.56 ng/mL rat SAP standard solutions into the precoated 96-well plate. Add 0.1 mL of the
	sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of rat cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We
	recommend that each rat SAP standard solution and each sample is measured in duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 1.56 ng/mL-100 ng/mL
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
	room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only

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cycles of freezing and thawing.

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