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Datasheet for ABIN7143861 anti-Ensa antibody (AA 1-121)

2 Images



Overview

Quantity:	100 µg
Target:	Ensa (ENSA)
Binding Specificity:	AA 1-121
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ensa antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Alpha-endosulfine protein (1-121AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

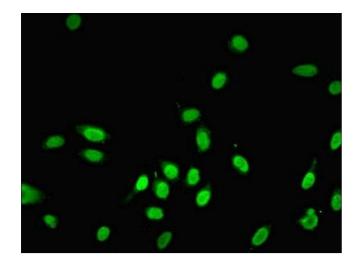
Target Details

Target:	Ensa (ENSA)
Alternative Name:	ENSA (ENSA Products)
Background:	Background: Protein phosphatase inhibitor that specifically inhibits protein phosphatase 2A
	(PP2A) during mitosis. When phosphorylated at Ser-67 during mitosis, specifically interacts

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Target Details	
	with PPP2R2D (PR55-delta) and inhibits its activity, leading to inactivation of PP2A, an essential condition to keep cyclin-B1-CDK1 activity high during M phase.Also acts as a stimulator of insulin secretion by interacting with sulfonylurea receptor (ABCC8), thereby preventing sulfonylurea from binding to its receptor and reducing K(ATP) channel currents. Aliases: ENSAAlpha-endosulfine antibody, ARPP-19e antibody
UniProt:	043768
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

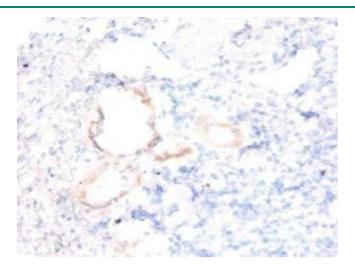
Images



Immunofluorescence

Image 1. Immunofluorescent analysis of Hela cells using ABIN7143861 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

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Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7143861 at dilution of 1:50

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