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Datasheet for ABIN7143864
anti-Ensa antibody (AA 1-121) (HRP)

Overview

Quantity:	100 µg
Target:	Ensa (ENSA)
Binding Specificity:	AA 1-121
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ensa antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Alpha-endosulfine protein (1-121AA)
Isotype:	IgG
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

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 sulfonyleurea receptor (ABCC8), thereby preventing sulfonyleurea from binding to its receptor and reducing K(ATP) channel currents.

Aliases: ENSAAalpha-endosulfine antibody, ARPP-19e antibody

UniProt: [O43768](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.