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## anti-Ensa antibody (AA 1-121) (Biotin)



#### 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 Biotin
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 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:	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.