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Datasheet for ABIN7146625

anti-ARPP19 antibody (AA 2-105) (Biotin)

Overview

Quantity:	100 µg
Target:	ARPP19
Binding Specificity:	AA 2-105
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPP19 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human cAMP-regulated phosphoprotein 19 protein (2-105AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ARPP19
Alternative Name:	ARPP19 (ARPP19 Products)
Background:	Background: Protein phosphatase inhibitor that specifically inhibits protein phosphatase 2A (PP2A) during mitosis. When phosphorylated at Ser-62 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. May indirectly enhance GAP-43 expression.

Aliases: ARP19 antibody, ARP19_HUMAN antibody, ARPP-19 antibody, Arpp19 antibody, cAMP-regulated phosphoprotein 19 antibody

UniProt: [P56211](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

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.