Datasheet for ABIN7145555

anti-PAPSS2 antibody (AA 2-138) (HRP)

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Overview

Quantity:	100 µg
Target:	PAPSS2
Binding Specificity:	AA 2-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPSS2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Bifunctional 3\'-phosphoadenosine 5\'-phosphosulfate synthase 2 protein (2-138AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PAPSS2
Alternative Name:	PAPSS2 (PAPSS2 Products)
Background:	Background: Bifunctional enzyme with both ATP sulfurylase and APS kinase activity, which

Target Details

	mediates two steps in the sulfate activation pathway. The first step is the transfer of a sulfate group to ATP to yield adenosine 5\'-phosphosulfate (APS), and the second step is the transfer of a phosphate group from ATP to APS yielding 3\'-phosphoadenylylsulfate (PAPS: activated sulfate donor used by sulfotransferase). In mammals, PAPS is the sole source of sulfate, APS appears to be only an intermediate in the sulfate-activation pathway. May have a important role in skeletogenesis during postnatal growth (By similarity). Aliases: PAPSS2 antibody, ATPSK2Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2 antibody, PAPS synthase 2 antibody, PAPSS 2 antibody, Sulfurylase kinase 2 antibody, SK 2 antibody, SK2) [Includes: Sulfate adenylyltransferase antibody, EC 2.7.7.4 antibody, ATP-sulfurylase antibody, Sulfate adenylate transferase antibody, SAT), Adenylyl-sulfate kinase antibody, EC 2.7.1.25 antibody, 3'-phosphoadenosine-5'-phosphosulfate synthase antibody, APS kinase antibody, Adenosine-5'-phosphosulfate 3'-phosphotransferase antibody, Adenylylsulfate 3'-phosphotransferase)] antibody
UniProt:	O95340
Pathways:	Glycosaminoglycan Metabolic Process, Ribonucleoside Biosynthetic 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.