



[Go to Product page](#)

Datasheet for ABIN1416314
anti-SMEK2 antibody (AA 701-800) (Cy7)

Overview

Quantity:	100 µL
Target:	SMEK2
Binding Specificity:	AA 701-800
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMEK2 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SMEK2/PP4R3B
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SMEK2
Alternative Name:	PP4R3B (SMEK2 Products)

Target Details

Background: Synonyms: Protein Phosphatase 4, Regulatory Subunit 3 Beta, smk1, FLFL2, PPP4R3B, PSY2, Serine/threonine-protein phosphatase 4 regulatory subunit 3B, SMEK 2, SMEK homolog 2, SMEK homolog 2 suppressor of mek1 Dictyostelium, SMEK homolog 2 suppressor of mek1, FLJ31474, KIAA1387, PP4R3 beta, PP4R3B, PPP4R3 Beta, P4R3B_HUMAN.

Background: SMEK2 contains a WH1 domain. There are five named isoforms produced by alternative splicing. Mapping of a diet-induced hypercholesterolemia locus (Dihc2) in rats identified SMEK2 as a strong candidate for responsiveness to dietary cholesterol.

Gene ID: 57223

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

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months