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Datasheet for ABIN5009077

**anti-SMEK2 antibody (AA 701-800) (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	SMEK2
Binding Specificity:	AA 701-800
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMEK2 antibody is conjugated to Alexa Fluor 680
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 ( <a href="#">SMEK2 Products</a> )

## Target Details

Background:	<p>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.</p> <p>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.</p>
Gene ID:	57223
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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