



[Go to Product page](#)

Datasheet for ABIN1398446  
**anti-SMEK2 antibody (AA 701-800) (FITC)**

### Overview

Quantity:	100 µL
Target:	SMEK2
Binding Specificity:	AA 701-800
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMEK2 antibody is conjugated to FITC
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:** 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

---