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Datasheet for ABIN7168993  
**anti-STK33 antibody (AA 231-514)**

3 Images

### Overview

Quantity:	100 µg
Target:	STK33
Binding Specificity:	AA 231-514
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK33 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase 33 protein (231-514AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

### Target Details

Target:	STK33
Alternative Name:	STK33 ( <a href="#">STK33 Products</a> )
Background:	Background: Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of

## Target Details

VIME (By similarity). Not essential for the survival of KRAS-dependent AML cell lines.

Aliases: Hypothetical protein FLJ35932 antibody, Serine threonine kinase 33 antibody, Serine/threonine kinase 33 antibody, Serine/threonine protein kinase 33 antibody, Serine/threonine-protein kinase 33 antibody, STK 33 antibody, Stk33 antibody, STK33\_HUMAN antibody

UniProt: [Q9BYT3](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

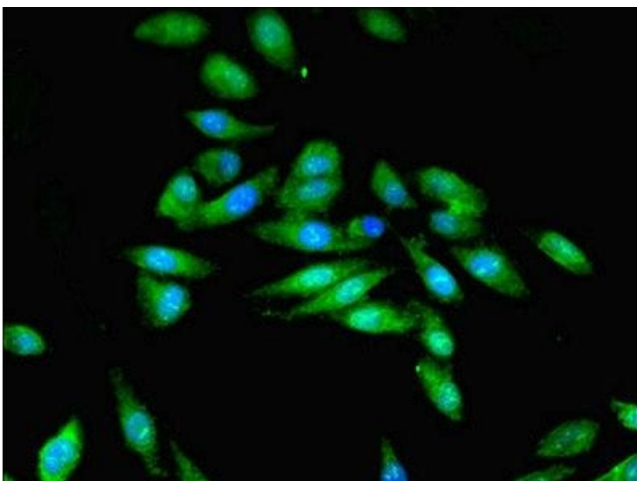
Preservative: ProClin

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.

## Images



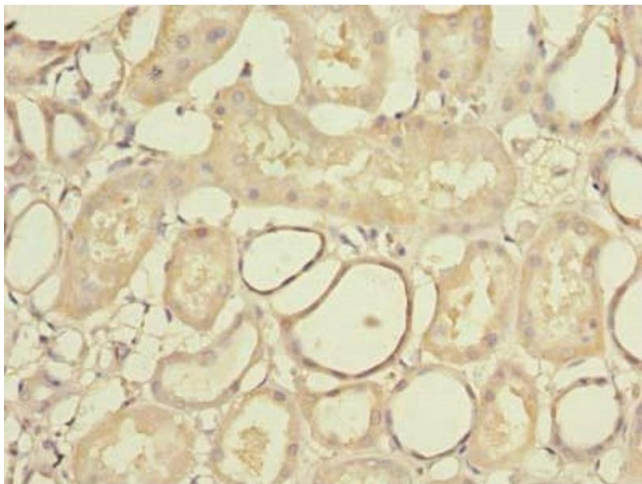
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HeLa cells using ABIN7168993 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Western Blotting

**Image 2.** Western blot All lanes: STK33 antibody at 4  $\mu\text{g}/\text{mL}$   
Lane 1: Mouse kidney tissue Lane 2: Hela whole cell lysate  
Lane 3: Jurkat whole cell lysate Secondary Goat polyclonal  
to rabbit IgG at 1/10000 dilution Predicted band size: 58, 51  
kDa Observed band size: 58 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded  
human kidney tissue using ABIN7168993 at dilution of  
1:100