Datasheet for ABIN7601385

anti-SBK1 antibody (AA 34-293)

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Overview

Quantity:	100 µg
Target:	SBK1
Binding Specificity:	AA 34-293
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SBK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-SBK1 Antibody Picoband®
Immunogen:	E.coli-derived human SBK1 recombinant protein (Position: E34-Q293). Human SBK1 shares 98.5% amino acid (aa) sequence identity with mouse and rat SBK1.
Characteristics:	Anti-SBK1 Antibody Picoband® (ABIN7601385). Tested in WB, IHC, IP, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SBK1
Alternative Name:	SBK1 (SBK1 Products)
Background:	The SBK1 gene, or Serine/threonine-protein kinase SBK1, encodes a protein kinase involved in various cellular processes, including cell cycle regulation, apoptosis, and stress response. SBK1 plays a critical role in signaling pathways governing cell growth and survival. Dysregulation of SBK1 expression or activity has been associated with cancer development and progression, making it a potential therapeutic target in oncology research. Understanding the molecular mechanisms underlying SBK1 function is essential for elucidating its role in both normal cellular physiology and disease states, particularly cancer.
Molecular Weight:	43 kDa
Gene ID:	388228

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Mouse, Rat Immunoprecipitation, 0.5-2 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gross, M. B. Personal Communication. Baltimore, Md. 1/18/2023. 2. Nara, K., Akasako, Y., Matsuda, Y., Fukazawa, Y., Iwashita, S., Kataoka, M., Nagai, Y. Cloning and characterization of a novel serine/threonine protein kinase gene expressed predominantly in developing brain. Europ. J. Biochem. 268: 2642-2651, 2001.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.