

Datasheet for ABIN501161
anti-DAPK3 antibody (Center)



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2 Images

Overview

Quantity:	0.1 mg
Target:	DAPK3
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAPK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	ZIP kinase antibody was raised against a peptide corresponding to amino acids near the center of human ZIP kinase.
Isotype:	IgG
Specificity:	This antibody detects DAPK3 / ZIPK at Center.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography

Target Details

Target:	DAPK3
Alternative Name:	DAPK3 / ZIPK (DAPK3 Products)

Target Details

Background:	Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as ASK-1 and RIP, are mediators of apoptosis. A novel serine/threonine kinase that mediates apoptosis was recently identified and designated ZIP kinase . ZIP kinase contains an N-terminal kinase domain and a C-terminal leucine zipper structure and binds to ATF4 that is a member of ATF/CREB family. ZIP kinase has high sequence homology to DAP kinase (death-associated protein kinase), which is a mediator of apoptosis induced by gamma interferon. Overexpression of ZIP kinase induces apoptosis. ZIP and DAP kinases represent a novel kinase family, which mediates apoptosis through their catalytic activities. The messenger RNA was ubiquitously expressed in various tissues .Synonyms: DAP kinase 3, DAP-like kinase, DLK, Death-associated protein kinase 3, ZIP-kinase
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Gene ID:	1613
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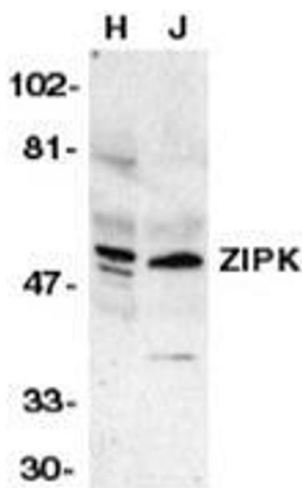
Application Details

Application Notes:	ELISA. Western blot: 1: 500 to 1: 1000. An approximate 40 kDa band can be detected, which represents the pro-enzyme of DNase II. Immunfluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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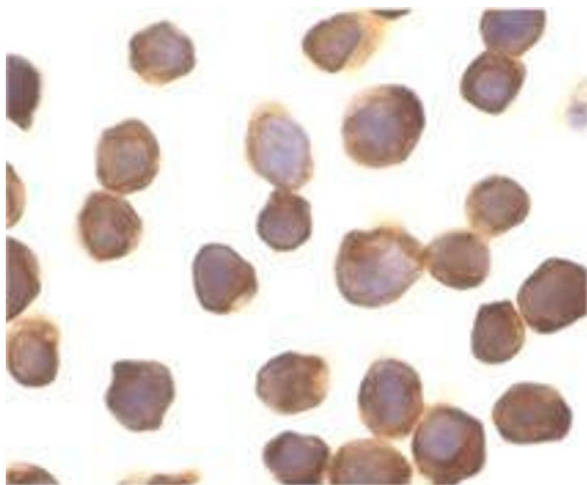
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ZIP kinase in HeLa (H) and Jurkat (J) whole cell lysates with ZIAP31006PU-N at 1 μ g/ml.



Immunofluorescence

Image 2. Immunocytochemistry of ZIP kinase in Jurkat cells with this product at 10 μ g/ml.