



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DAP Kinase 3 (IN), (Death-associated protein kinase 3 (Internal Epitope) . Rabbit Polyclonal Antibody
ZIP kinase, Internal, DAPK3

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 kinase¹. 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 tissues¹.

ORDERING INFORMATION

CATALOG NUMBER

X1127P

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided in phosphate buffered saline solution containing 0.02% sodium azide as a preservative

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot

SPECIES REACTIVITY

Human, Mouse, Rat

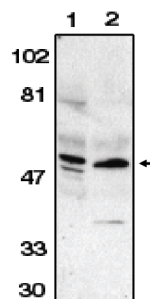
ACCESSION NUMBER

Human O43293

IMMUNOGEN

Antibody raised against a synthetic protein corresponding to amino acids 279 to 298 of the human ZIP kinase protein.

Western blot analysis using anti-ZIPK antibody on HeLa (1) and Jurkat (2) whole cell lysates



POSITIVE CONTROL/TISSUE EXPRESSION

Jurkat and HeLa whole cell lysates

COMMENTS

Detects ZIPK by Western blot at 0.5 to 1 μ g/ml. Detects a 52 kDa band in Jurkat and HeLa whole cell lysates. Does not cross react with DAP kinase. Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Kawai T, et al. 'ZIP kinase, a novel serine/threonine kinase which mediates apoptosis.' Mol. Cell. Biol. 1998, 18, 1642-1651

PRODUCT SPECIFIC REFERENCES