

Product: Anti-ZIP Kinase (IN)
Catalog #: 12-2067
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal
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.

FORM:
IMMUNOGEN:

Purified Ig fraction in PBS containing 0.02% Sodium Azide
A peptide corresponding to amino acids 279 to 298 of human origin.

APPLICATION:
REACTIVITY/SPECIES:

Immunoblotting (dilution 1:500)
Human. No cross reactivity to DAP kinase.

POSITIVE CONTROL:

HeLa cell lysate. (52 kDa band can be detected)

STORAGE:

2-8°C for immediate use, or at -20°C (aliquot)

12-2067-1 Blocking peptide available

REFERENCES:

Kawai, T. et al. (1998) Mol Cell Biol **18**: 1642-1651

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.