

anti- ZIP kinase antibody

Product Information

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| Catalog No.: | FNab09640 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

ZIP kinase, also named as ZIPK and Dlk, belongs to the protein kinase superfamily, CAMK Ser/Thr protein kinase family and DAP kinase subfamily. ZIP kinase is a Serine/threonine kinase which acts as a positive regulator of apoptosis. ZIP kinase phosphorylates histone H3 on 'Thr-11' at centromeres during mitosis. ZIP kinase regulates myosin light chain phosphatase through phosphorylation of MYPT1 thereby regulating the assembly of the actin cytoskeleton, cell migration, invasiveness of tumor cells, smooth muscle contraction and neurite outgrowth. It catalyze the reaction: ATP + a protein = ADP + a phosphoprotein.

Immunogen information

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|--------------|---|
| Immunogen: | death-associated protein kinase 3 |
| Synonyms: | DAP kinase 3, DAP like kinase, DAPK3, Dlk, ZIP kinase, ZIPK |
| Observed MW: | 53kd |
| Uniprot ID : | O43293 |

Application

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| Reactivity: | Human |
|-------------|-------|

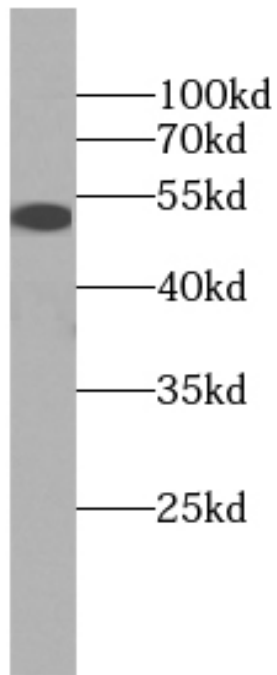
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Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:200-1:1000; IF: 1:20-1:200

Image:



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab09640(ZIP kinase antibody) at dilution of 1:300