

ZIPK Antibody

Catalog No: #24048

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

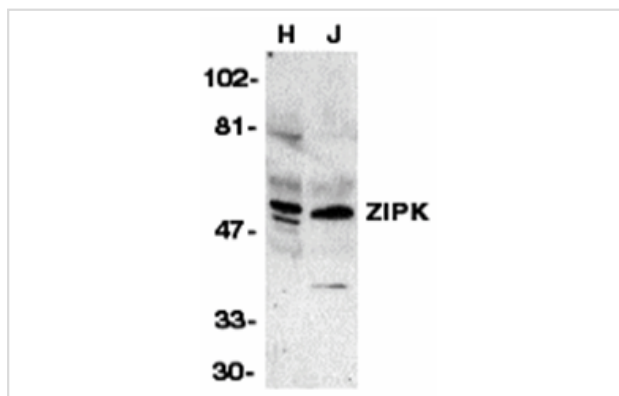
Description

Product Name	ZIPK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB ICC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the center of human ZIP kinase.
Target Name	ZIPK
Other Names	ZIPK
Accession No.	BAA81746
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

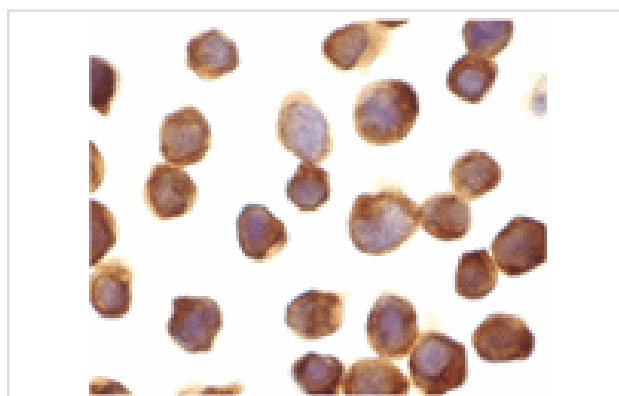
Application Details

Predicted MW: 40 kd

Images



Western blot analysis of ZIP kinase in HeLa (H) and Jurkat (J) whole cell lysates with ZIP kinase antibody at 1 ug/mL.



Immunocytochemistry of ZIP kinase in Jurkat cells with ZIP kinase antibody at 10 ug/mL.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.