

Rabbit ZIPK Polyclonal Antibody | anti-ZIPK antibody

ZIPK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308276	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

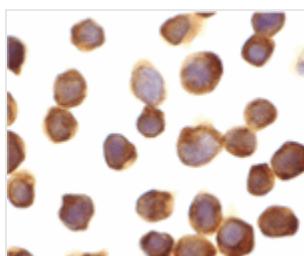
PRODUCT SYNONYMS

ZIPK; Polyclonal Antibody; ZIPK Antibody; anti-ZIPK antibody

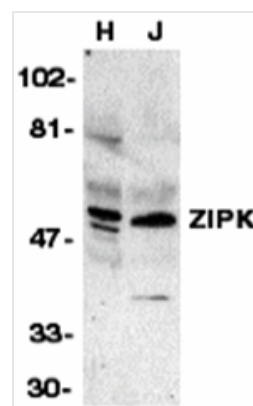
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	454
Applicable Applications for anti-ZIPK antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the center of human ZIP kinase.
Target Name	ZIPK
Preparation and Storage	Can be stored at -20 degree 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.

IMAGES


ICC (Immunocytochemistry)

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


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ZIPK antibody	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.
Product Categories/Family for anti-ZIPK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5162884
NCBI GeneID	1613
Molecular Weight	37,048 Da
NCBI Official Full Name	ZIP kinase
NCBI Official Synonym Full Names	death-associated protein kinase 3
NCBI Official Symbol	DAPK3
NCBI Official Synonym Symbols	DLK; ZIP; ZIPK
NCBI Protein Information	death-associated protein kinase 3
UniProt Protein Name	Death-associated protein kinase 3
UniProt Gene Name	DAPK3
UniProt Synonym Gene Names	ZIPK; DAP kinase 3; Dlk; ZIP-kinase
UniProt Entry Name	DAPK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.