

Product datasheet for **TA392950M**

ZIP Kinase (DAPK3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human DAPK3 around the phosphorylation site of Thr265.
Specificity:	DAPK3 (phospho-T265) polyclonal antibody detects endogenous levels of DAPK3 protein when phosphorylated at Thr265.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 52 kDa
Gene Name:	death associated protein kinase 3
Database Link:	Entrez Gene 1613 Human O43293



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Background:

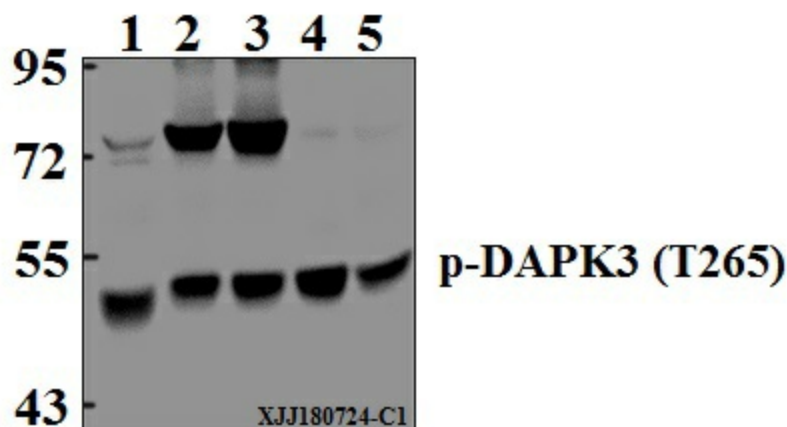
Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as ASK1 and RIP, are mediators of apoptosis. A novel serine/threonine kinase that mediates apoptosis was recently identified and designated ZIP kinase. 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.

Synonyms:

Dapk 3; Dapk3; DAP kinase 3; DAP like kinase; Death associated kinase 3; Death associated protein kinase 3; Dlk; ZIP; ZIP-kinase; ZIPK; ZIP kinase

Note:

For research use only, not for use in diagnostic procedure.

Product images:


Western blot (WB) analysis of p-DAPK3 (T265) pAb at 1:500 dilution Lane1:Hela whole cell lysate(40µg) Lane2:SK-OVCAR3 whole cell lysate(40µg) Lane3:SGC7901 whole cell lysate(40µg) Lane4:3T3-L1 whole cell lysate(40µg) Lane5:PC12 whole cell lysate(40µg)