

Rabbit DAPK3 Polyclonal Antibody | anti-DAPK3 antibody

DAPK3 (phospho Thr265) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294002	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

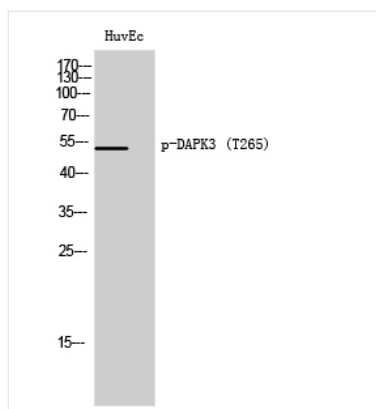
PRODUCT SYNONYMS

DAPK3; Polyclonal Antibody; DAPK3 (phospho Thr265) Polyclonal Antibody; ZIPK; Death-associated protein kinase 3; DAP kinase 3; DAP-like kinase; Dlk; MYPT1 kinase; Zipper-interacting protein kinase; ZIP-kinase; anti-DAPK3 antibody

PRODUCT SPECIFICATIONS

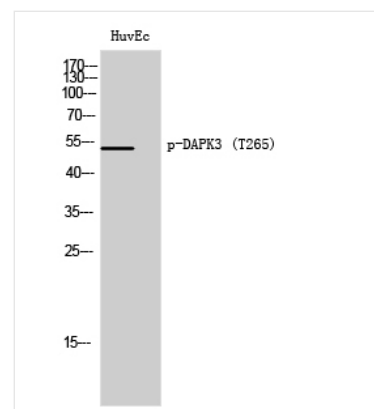
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-DAPK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-DAPK3 antibody	Serine/threonine kinase which is involved in the regulation of apoptosis, autophagy, transcription, translation and actin cytoskeleton reorganization. Involved in the regulation of smooth muscle contraction. Regulates both type I (caspase- dependent) apoptotic and type II (caspase-independent) autophagic cell deaths signal, depending on the cellular setting. Involved in regulation of starvation-induced autophagy. Regulates myosin phosphorylation in both smooth muscle and non-muscle cells. In smooth muscle, regulates myosin either directly by phosphorylating MYL12B and MYL9 or through inhibition of smooth muscle myosin phosphatase (SMPP1M) via phosphorylation of PPP1R12A; the inhibition of SMPP1M functions to enhance muscle responsiveness to Ca (2+) and promote a contractile state. Phosphorylates MYL12B in non-muscle cells leading to reorganization of actin cytoskeleton. Isoform 2 can phosphorylate myosin, PPP1R12A and MYL12B. Overexpression leads to condensation of actin stress fibers into thick bundles. Involved in actin filament focal adhesion dynamics. The function in both reorganization of actin cytoskeleton and focal adhesion dissolution is modulated by RhoD. Positively regulates canonical Wnt/beta-catenin signaling through interaction with NLK and TCF7L2. Phosphorylates RPL13A on 'Ser-77' upon interferon-gamma activation which is causing RPL13A release from the ribosome, RPL13A association with the GAIT complex and its subsequent involvement in transcript-selective translation inhibition. Enhances transcription from AR-responsive promoters in a hormone- and kinase-dependent manner. Involved in regulation of cell cycle progression and cell proliferation. May be a tumor suppressor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557511
NCBI GeneID	1613
NCBI Accession #	NP_001339.1
NCBI GenBank Nucleotide #	NM_001348.1
UniProt Accession #	O43293 ; Q05JY4 ; A0AVN4 ; B3KQE2
Molecular Weight	52,536 Da
NCBI Official Full Name	death-associated protein kinase 3
NCBI Official Synonym Full Names	death-associated protein kinase 3
NCBI Official Symbol	DAPK3
NCBI Official Synonym Symbols	ZIP; ZIPK
NCBI Protein Information	death-associated protein kinase 3; dlk; ZIP-kinase; DAP kinase 3; MYPT1 kinase; DAP-like kinase; ZIP kinase isoform; zipper-interacting protein kinase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dapk3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/294002>