

Rabbit DAPK3 Polyclonal Antibody | anti-DAPK3 antibody

DAPK3 Antibody (Ab-265)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285960	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

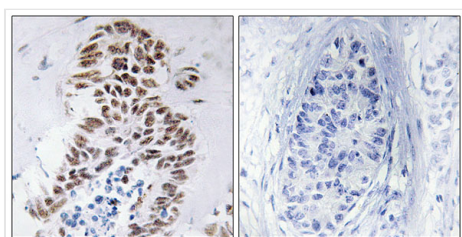
PRODUCT SYNONYMS

DAPK3; Polyclonal Antibody; DAPK3 Antibody (Ab-265); Death-associated protein kinase 3; DAP kinase 3; DAP-like kinase; Dlk; MYPT1 kinase; Zipper-interacting protein kinase; ZIP-kinase; ZIPK; anti-DAPK3 antibody

PRODUCT SPECIFICATIONS

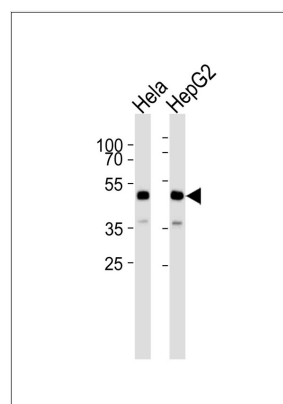
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	245-274
Sequence Length	454
Applicable Applications for anti-DAPK3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using DAPK3 (Ab-265) antibody.



WB (Western Blot)

Western blot analysis of lysates from HeLa, HepG2 cell line (from left to right), using DAPK3 Antibody (Ab-265) (B0900). B0900 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-DAPK3 antibody	Serine/threonine kinase which is involved in the regulation of apoptosis, autophagy, transcription, translation, actin cytoskeleton reorganization, cell motility, smooth muscle contraction, and mitosis, particularly cytokinesis. Regulates both type I apoptotic and type II autophagic cell deaths signal, depending on the cellular setting. The former is caspase- dependent, while the latter is caspase-independent and is characterized by the accumulation of autophagic vesicles. 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, and the inhibition of SMPP1M functions to enhance muscle responsiveness to Ca(2+) and promote a contractile state. Enhances transcription from AR-responsive promoters in a hormone- and kinase-dependent manner. Phosphorylates STAT3 and enhances its transcriptional activity. Positively regulates the canonical Wnt/beta-catenin signaling through interaction with NLK and TCF7L2. Can disrupt the NLK-TCF7L2 complex thereby influencing the phosphorylation of TCF7L2 by NLK. Phosphorylates histone H3 on 'Thr-11' at centromeres during mitosis. Involved in the formation of promyelocytic leukemia protein nuclear body (PML-NB), one of many subnuclear domains in the eukaryotic cell nucleus, and which is involved in oncogenesis and viral infection. Phosphorylates RPL13A on 'Ser-77' upon interferon-gamma activation which is causing RPL13A release from the ribosome, its association with the GAIT complex and its subsequent involvement in transcript- selective translation inhibition.
Product Categories/Family for anti-DAPK3 antibody	Cancer; Cell Biology; Signal transduction
References	Kawai T.,et al.Mol. Cell. Biol. 18:1642-1651(1998). Murata-Hori M.,et al.FEBS Lett. 451:81-84(1999). Ota T.,et al.Nat. Genet. 36:40-45(2004). Takamoto N.,et al.Arch. Biochem. Biophys. 456:194-203(2006). Preuss U.,et al.Eur. J. Cell Biol. 82:447-459(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557511
NCBI GeneID	1613
NCBI Accession #	NP_001339.1
NCBI GenBank Nucleotide #	NM_001348.2
UniProt Accession #	O43293; Q05JY4; A0AVN4; B3KQE2
Molecular Weight	52536
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	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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dapk3-antibody-immunohistochemistry-western-blot-elisa/285960>