

Anti-DAP kinase 3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

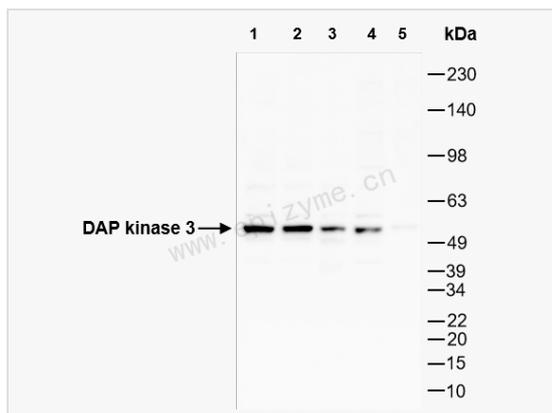
Catalog # R013631

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	10L17L01
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ZIP Kinase
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-DAP kinase 3 Rabbit mAb [10L17L01] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	DAP kinase 3; DAP like kinase; DAP-like kinase; Dapk 3; DAPK3; DAPK3_HUMAN; Death associated kinase 3; Death associated protein kinase 3; Death-associated protein kinase 3; Dlk; EC 2.7.11.1; FLJ36473; MYPT1 kinase; ZIP; ZIP kinase; ZIP kinase isoform; ZIP-kinase; ZIPK; zipper-interacting protein kinase.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 53 kDa
Uniprot ID	O43293
Gene ID	1613
Background	Death-associated protein kinase 3 (DAPK3) induces morphological changes in apoptosis when overexpressed in mammalian cells. These results suggest that DAPK3 may play a role in the induction of apoptosis. [provided by RefSeq, Jul 2008]
Cellular Location	Nucleus. Cytoplasm. Nucleus > PML body. Relocates to the cytoplasm on binding PAWR where the complex appears to interact with actin filaments (By similarity). Localizes to promyelocytic leukemia protein nuclear bodies (PML-NBs). Associates to centromeres from prophase to anaphase.



Western Blot - Anti-DAP kinase 3 Rabbit mAb [10L17L01]

All lanes: R013631 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 5: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

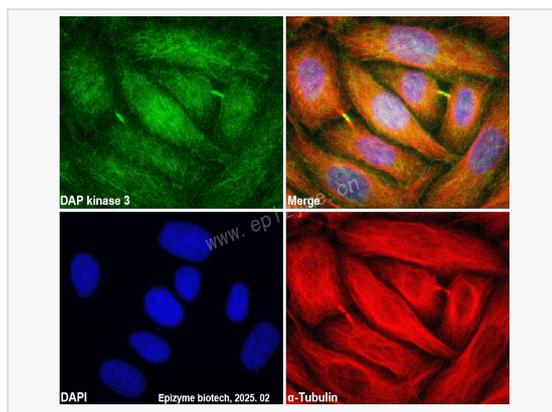
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 53 kDa

Observed band size: 53 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-DAP kinase 3 Rabbit mAb [10L17L01]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R013631 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).