

Datasheet for ABIN6990348
anti-DAPK2 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	DAPK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAPK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	DAPK2 antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human DAPK2. This antigenic peptide is identical to the corresponding amino acids of mouse origin (1,2). The immunogen is located within the last 50 amino acids of DAPK2.
Isotype:	IgG
Specificity:	DAPK2 has no cross responses to DAPK1.
Purification:	DAPK2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DAPK2
Alternative Name:	DAPK2 (DAPK2 Products)

Target Details

Background: DAPK2 Antibody: Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as RIP and DAP kinase, are mediators of apoptosis. DAP kinase (DAPK) is pro-apoptotic calcium-regulated serine/threonine kinase containing death domain. Ectopic expression of DAPK induces cell death and suppresses oncogenic transformation. DAPK mediates IFN γ , induced apoptosis. A novel DAP kinase-related protein was recently identified and designated DAPK2 and DRP-1. Ectopically expressed DAPK2 induced apoptosis in various types of cells. DAPK has high sequence homology to ZIP kinase and DRAK1/2, and they represent a novel family of serine/threonine kinases, which mediates apoptosis through their catalytic activities. The messenger RNA of DAPK2 is expressed in multiple human tissues.

Molecular Weight: 42 kDa

Gene ID: 23604

UniProt: [Q9UIK4](#)

Application Details

Application Notes: DAPK2 antibody can be used for detection of DAPK2 by Western blot at 1 μ g/mL. An approximately 42 kDa band can be detected. DAPK2 has no cross responses to DAPK1. Antibody can also be used for immunohistochemistry starting at 2 μ g/mL.

Antibody validated: Western Blot in human, mouse, and rat samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: DAPK2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Handling

Storage Comment: DAPK2 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.