

Datasheet for ABIN499708

anti-DAPK2 antibody**2** Images[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Human DAP kinase 2 Peptide
Isotype:	IgG
Specificity:	DAPK2 antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human DAPK2. The sequence of this antigenic peptide is identical to the corresponding amino acids of mouse origin (1,2). DAPK2 has no cross responses to DAPK1.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	DAPK2
Alternative Name:	DAPK2 / DRP-1 (DAPK2 Products)
Background:	Apoptosis is mediated by death domain containing adapter molecules and a caspase family of

Target Details

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 (1, 2). Ectopically expressed DAPK2 induced apoptosis in various types of cells (1,2). 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 (1).Synonyms: DAP kinase 2, DAP-kinase-related protein 1, Death-associated protein kinase 2

Gene ID: 23604

UniProt: [Q9UIK4](#)

Application Details

Application Notes: ELISA. Western Blot: 0.5 to 1 μ g/mL. An approximately 42 kDa band can be detected.
Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

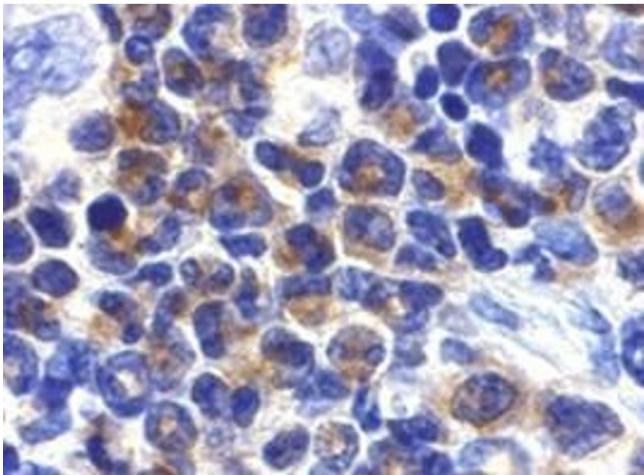
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

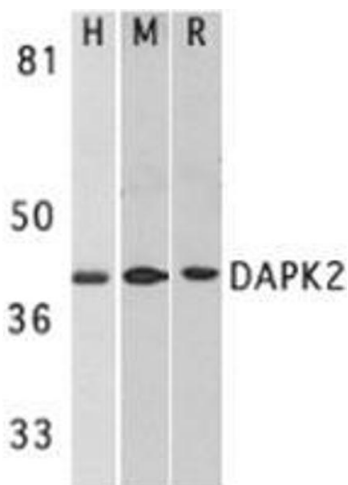
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of DAPK2 in mouse spleen cells with DAPK2 antibody at 2 µg/ml.



Western Blotting

Image 2. Western blot analysis of DAPK2 in A431 (H), mouse spleen (M), and rat kidney (R) lysates with AP30272PU-N DAPK2 antibody at 1 µg/ml.