

Rabbit DAPK2 Polyclonal Antibody | anti-DAPK2 antibody

DAPK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40374	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

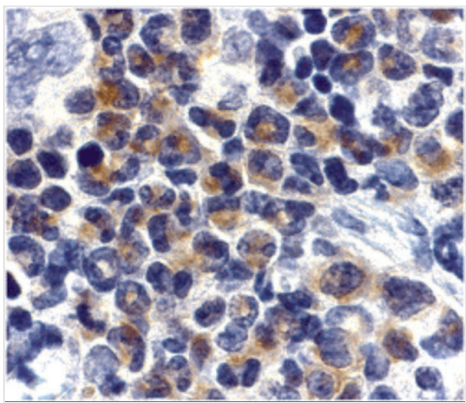
PRODUCT SYNONYMS

DAPK2; Polyclonal Antibody; DAPK2 Antibody; DRP1; DRP-1; Death-associated protein kinase 2; DAP-kinase-related protein 1; DAP kinase 2; death-associated protein kinase 2; anti-DAPK2 antibody

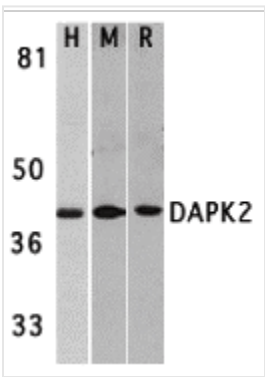
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DAPK2 has no cross responses to DAPK1.
Purity/Purification	DAPK2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	370
Applicable Applications for anti-DAPK2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	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).
Buffer	DAPK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DAPK2 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of DAPK2 in mouse spleen cells with DAPK2 antibody at 2 μg/mL.



WB (Western Blot)
Western blot analysis of DAPK2 in A431 (H), mouse spleen (M), and rat kidney (R) lysates with DAPK2 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DAPK2 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6521210
NCBI GeneID	23604
UniProt Accession #	Q9UIK4; O75892; Q24JS1; E9JGM7
Molecular Weight	42 kDa
NCBI Official Full Name	Death-associated protein kinase 2
NCBI Official Synonym Full Names	death-associated protein kinase 2
NCBI Official Symbol	DAPK2
NCBI Official Synonym Symbols	DRP1; DRP-1
NCBI Protein Information	death-associated protein kinase 2; DAP kinase 2; DAP-kinase-related protein 1 beta isoform
UniProt Protein Name	Death-associated protein kinase 2
UniProt Gene Name	DAPK2
UniProt Synonym Gene Names	DAP kinase 2; DRP-1
UniProt Entry Name	DAPK2_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.