DAPK2 Antibody

Catalog No: #24118

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

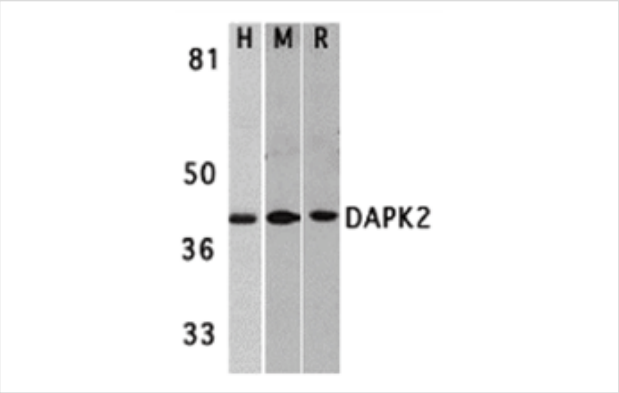
Description

Product Name	DAPK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	DAPK2 has no cross responses to DAPK1.
Immunogen Type	Peptide
Immunogen Description	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).
Target Name	DAPK2
Accession No.	Swiss-Prot:Q9UIK4Gene ID:23604
Uniprot	Q9UIK4
GeneID	23604;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

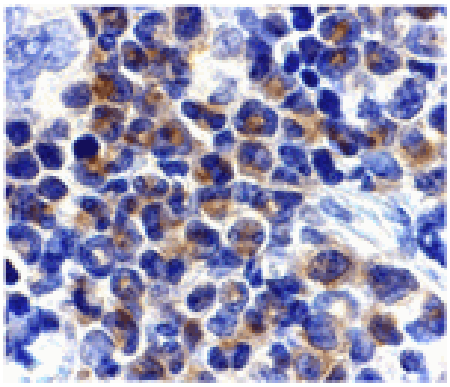
Application Details

Predicted MW: 42 kd

Images



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



Immunohistochemistry of DAPK2 in mouse spleen cells with DAPK2 antibody at 2 ug/mL.

Background

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 IFNγ induced apoptosis. A novel DAP kinase-related protein was recently identified and designated DAPK2 and DRP-1. Ectopicly 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.

Note: This product is for in vitro research use only