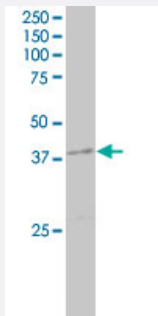


DAPK2 polyclonal antibody

Catalog # PAB6091

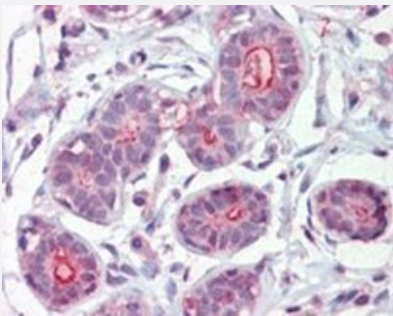
Size 100 ug

Applications



Western Blot (Tissue lysate)

DAPK2 polyclonal antibody (Cat # PAB6091) staining (2 ug/mL) of mouse brain extracts (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DAPK2 polyclonal antibody (Cat # PAB6091, 2.5 ug/mL) staining of paraffin embedded human breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DAPK2.
Immunogen	A synthetic peptide corresponding to human DAPK2.
Sequence	C-KALHPRRRSSTS
Host	Goat
Theoretical MW (kDa)	42.9
Reactivity	Human, Mouse
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western blot (1-3 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

DAPK2 polyclonal antibody (Cat # PAB6091) staining (2 ug/mL) of mouse brain extracts (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — DAPK2

Entrez GeneID	23604
Protein Accession#	NP_055141
Gene Name	DAPK2
Gene Alias	DRP-1, MGC119312
Gene Description	death-associated protein kinase 2
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. [provided by RefSeq]

Other Designations

-

Publication Reference

- [Death-associated protein kinase 2 is a new calcium/calmodulin-dependent protein kinase that signals apoptosis through its catalytic activity.](#)

Kawai T, Nomura F, Hoshino K, Copeland NG, Gilbert DJ, Jenkins NA, Akira S.

Oncogene 1999 Jun; 18(23):3471.

Pathway

- [Bladder cancer](#)
- [Pathways in cancer](#)