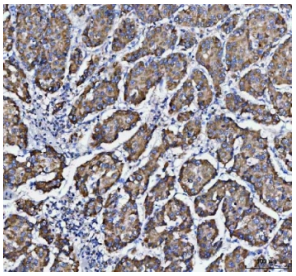
DAPK1 Antibody / Death-associated protein kinase 1 (RQ8520)

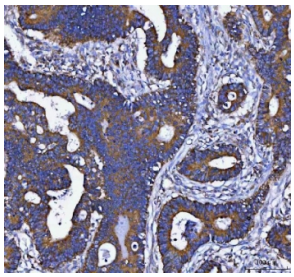
Catalog No.	Formulation	Size
RQ8520	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

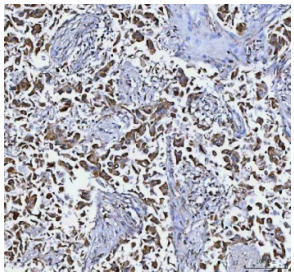
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P53355
Localization	Cytoplasm
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This DAPK1 antibody is available for research use only.



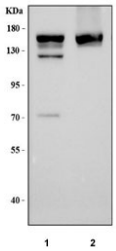
IHC staining of FFPE human liver cancer tissue with DAPK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colorectal adenocarcinoma tissue with DAPK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lung cancer tissue with DAPK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat liver and 2) mouse liver tissue lysate with DAPK1 antibody. Predicted molecular weight ~160 kDa with multiple isoforms.

Description

Death-associated protein kinase 1 is an enzyme that in humans is encoded by the DAPK1 gene. Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and 2 putative P-loop consensus sites. It is a tumor suppressor candidate. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the DAPK1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids H545-Q1159) was used as the immunogen for the DAPK1 antibody.

Storage

After reconstitution, the DAPK1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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