



[Go to Product page](#)

Datasheet for ABIN359411

anti-DAP Kinase 1 antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	DAP Kinase 1 (DAPK1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAP Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human DAPK1.
Isotype:	Ig Fraction
Specificity:	This antibody detects DAP Kinase 1 at C-term.
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	DAP Kinase 1 (DAPK1)
Alternative Name:	DAPK1 (DAPK1 Products)

Target Details

Background:	Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death (apoptosis). 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.Synonyms: DAP kinase 1, DAPK, DAPK-1, DKFZp781I035, Death-associated protein kinase 1
Molecular Weight:	160220 Da
Gene ID:	1612, 9606
UniProt:	P53355
Pathways:	MAPK Signaling , Interferon-gamma Pathway

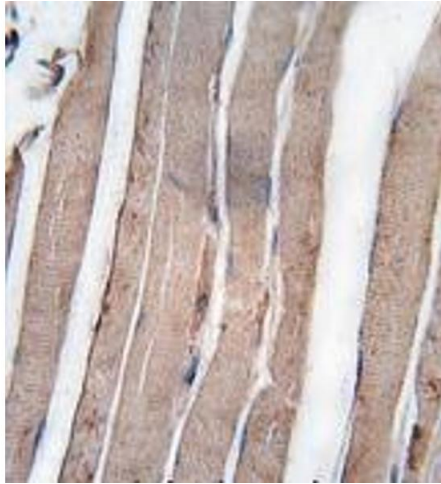
Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/100-1/500Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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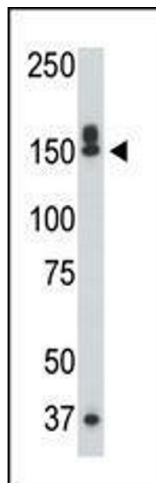
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month (in aliquots) at-20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with DAPK1 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. The DAPK1 polyclonal antibody is used in Western blot to detect DAPK1 in mouse liver tissue lysate.