

Datasheet for ABIN391321

anti-DAP Kinase 1 antibody (C-Term)

3 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	DAP Kinase 1 (DAK1)
Binding Specificity:	AA 1360-1389, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAP Kinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DAK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1360-1389 amino acids from the C-terminal region of human DAK1.
Clone:	RB3033
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	DAP Kinase 1 (DAK1)
Alternative Name:	DAP Kinase 1 (DAK1) (DAK1 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.
Molecular Weight:	160046
Gene ID:	1612
NCBI Accession:	NP_004929
UniProt:	P53355
Pathways:	MAPK Signaling , Interferon-gamma Pathway

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

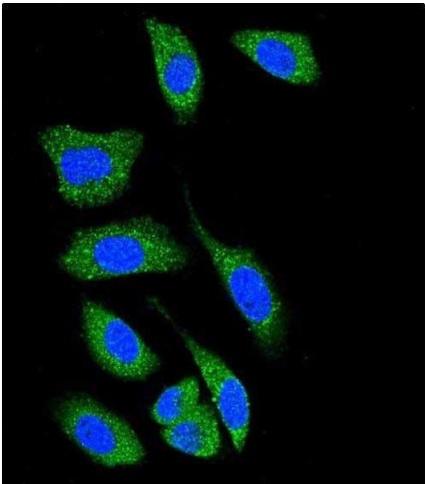
Publications

Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: Molecular systems biology , Vol. 3, pp. 89, (2007) (PubMed).
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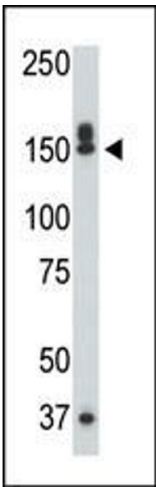
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with DK1 antibody (C-term) 7217b , 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.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of D Kinase 1 (DK1) Antibody (C-term) 7217b with A549 cell followed by Alexa Fluor® 489-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. The DK1 polyclonal antibody 7217b is used in Western blot to detect DK1 in mouse liver tissue lysate.