

dik Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10660c

Specification

dik Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9H4D1
Other Accession	O9ERK0 , P57078 , NP_065690
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	510-538

dik Antibody (Center) - Additional Information

Gene ID 54101

Other Names

dik, Protein kinase

Target/Specificity

This dik antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 510-538 amino acids from the Central region of human dik.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

dik Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

dik Antibody (Center) - Protein Information

Name dik {ECO:0000313|EMBL:CAC04247.1}

Function Serine/threonine protein kinase. Required for embryonic skin development and correct skin homeostasis in adults, via phosphorylation of PKP1 and subsequent promotion of keratinocyte

differentiation and cell adhesion. It is a direct transcriptional target of TP63. Plays a role in NF-kappa-B activation.

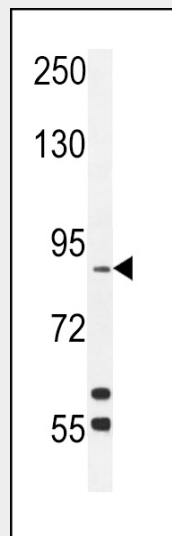
Cellular Location

Cytoplasm {ECO:0000256|ARBA:ARBA00004496}. Membrane {ECO:0000256|ARBA:ARBA00004170}; Peripheral membrane protein {ECO:0000256|ARBA:ARBA00004170}

dik Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

dik Antibody (Center) - Images

dik Antibody (Center) (Cat. #AP10660c) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the ANKRD3 antibody detected the dik protein (arrow).

dik Antibody (Center) - Background

dik is a serine/threonine protein kinase that interacts with protein kinase C-delta. The encoded protein can also activate NFkappaB and is required for keratinocyte differentiation. This kinase undergoes autophosphorylation.

dik Antibody (Center) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :

Adams, S., et al. Exp. Cell Res. 316(1):126-137(2010)
Lee, M.C., et al. J. Leukoc. Biol. 84(3):835-841(2008)
Kim, S.W., et al. Blood 111(3):1644-1653(2008)
Adams, S., et al. J. Invest. Dermatol. 127(3):538-544(2007)