

RIPK4 (ANKRD3) Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP7808b

Specification

RIPK4 (ANKRD3) Antibody (C-term) - Product Information

Application WB, IHC-P,E Primary Accession P57078

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 91611
Antigen Region 802-832

RIPK4 (ANKRD3) Antibody (C-term) - Additional Information

Other Names

Receptor-interacting serine/threonine-protein kinase 4, Ankyrin repeat domain-containing protein 3, PKC-delta-interacting protein kinase, RIPK4, ANKRD3, DIK

Target/Specificity

This RIPK4 (ANKRD3) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 802-832 amino acids from the C-terminal region of human RIPK4 (ANKRD3).

Dilution

WB~~1:1000 IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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

RIPK4 (ANKRD3) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RIPK4 (ANKRD3) Antibody (C-term) - Protein Information

Name RIPK4

Synonyms ANKRD3, DIK





Function Involved in stratified epithelial development. It is a direct transcriptional target of TP63. Plays a role in NF-kappa-B activation.

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein

Tissue Location

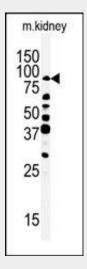
Expressed in hair follicles and skin.

RIPK4 (ANKRD3) Antibody (C-term) - Protocols

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

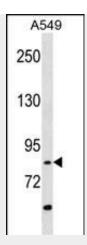
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

RIPK4 (ANKRD3) Antibody (C-term) - Images

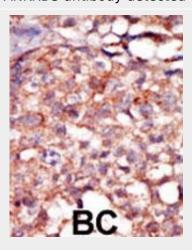


Western blot analysis of anti-ANKRD3-Q817 Pab (Cat. #AP7808b) in mouse kidney tissue lysate (35ug/lane). ANKRD3-Q817(arrow) was detected using the purified Pab.





ANKRD3 Antibody (Q817) (Cat. #AP7808b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the ANKRD3 antibody detected the ANKRD3 protein (arrow).



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

RIPK4 (ANKRD3) Antibody (C-term) - Background

The protein encoded by this gene 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.

RIPK4 (ANKRD3) Antibody (C-term) - References

Hattori, M., et al., Nature 405(6784):311-319 (2000). RIPK4 (ANKRD3) Antibody (C-term) - Citations

• m6A-modified RIPK4 facilitates proliferation and cisplatin resistance in epithelial ovarian cancer