

DATASHEET

RIPK4 Rabbit Polyclonal Antibody

CAT. NO. APA16719

KEY FEATURES

Target	RIPK4	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to RIPK4
Specificity	Recognizes endogenous levels of RIPK4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human RIPK4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 86; Observed: 92 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ANKRD3; DIK; Receptor-interacting serine/threonine-protein kinase 4; Ankyrin repeat domain-containing protein 3; PKC-delta-interacting protein kinase
Gene Symbol	RIPK4
Entrez Gene	54101(Human); 72388(Mouse)
SwissProt	P57078(Human); Q9ERK0(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

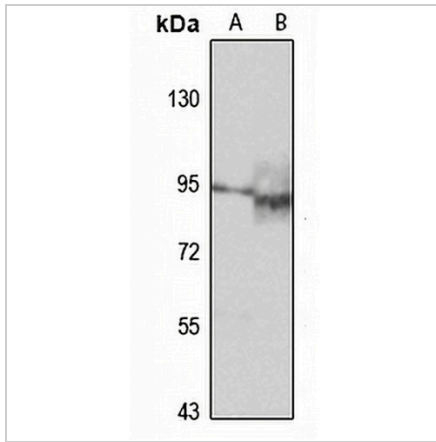
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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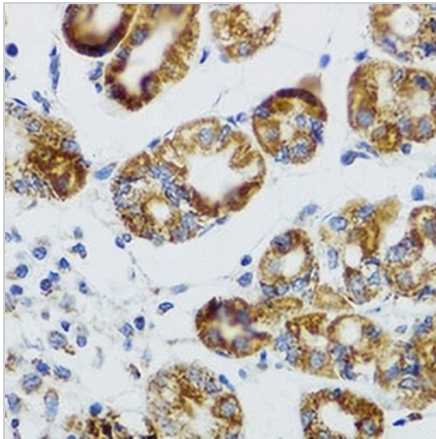
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DATA



Western blot analysis of RIPK4 expression in HEK293T (A), mouse liver (B) whole cell lysates. (Predicted band size: 86; 91 kD; Observed band size: 92 kD)



Immunohistochemical analysis of RIPK4 staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.