

**DATASHEET**

**PDZK2 Rabbit Polyclonal Antibody**

CAT. NO. APA16459

**KEY FEATURES**

Target	PDZK2	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	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**

Acts as a regulatory protein that associates with GUCY2C and negatively modulates its heat-stable enterotoxin-mediated activation. Stimulates SLC9A3 activity in the presence of elevated calcium ions.

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

**PRODUCT OVERVIEW**

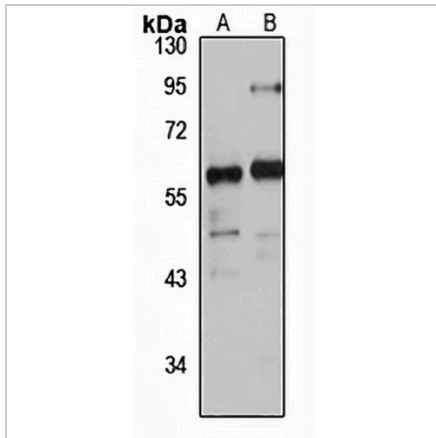
Description	Rabbit polyclonal antibody to PDZK2
Specificity	Recognizes endogenous levels of PDZK2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PDZK2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 24; Observed: 56 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	IKEPP; NHERF4; PDZK2; Na(+)/H(+) exchange regulatory cofactor NHE-RF4; NHERF-4; Intestinal and kidney-enriched PDZ protein; Natrium-phosphate cotransporter IIa C-terminal-associated protein 2; Na/Pi cotransporter C-terminal-associated protein 2; NaPi-Cap2; PDZ domain-containing protein 2; PDZ domain-containing protein 3; Sodium-hydrogen exchanger regulatory factor 4
Gene Symbol	PDZD3
Entrez Gene	79849(Human); 170761(Mouse)
SwissProt	Q86UT5(Human); Q99MJ6(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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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**DATA**

Western blot analysis of PDZK2 expression in HT29 (A), mouse kidney (B) whole cell lysates. (Predicted band size: 24; 41; 52; 54; 61 kD; Observed band size: 56 kD)

**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.