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## Datasheet for ABIN1400479 anti-PDZD2 antibody (Biotin)



Overview		
Quantity:	100 µL	
Target:	PDZD2	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PDZD2 antibody is conjugated to Biotin	
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human PDZK3	
lsotype:	lgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	
Target Details		
Target:	PDZD2	
Alternative Name:	PDZK3 (PDZD2 Products)	
Background:	Synonyms: Activated in prostate cancer protein, AIPC, KIAA0300, Likely ortholog of rat plakophilin related armadillo repeat protein interacting PDZ protein antibody PAPIN, PDZ domain containing 2, PDZ domain containing 3, PDZ domain containing protein 2, PDZ domain	

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containing protein 3, PDZD2, PDZK 2, PDZK2, PDZK-2, PDZK 3, PDZK3, PDZK-3, PIN1,

Plakophilin related armadillo repeat protein interacting PDZ protein like, Rat plakophilin related
armadillo repeat protein interacting PDZ protein like, PDZD2_HUMAN.
Background: Proteins containing PDZ domains have been shown frequently to bind the C-
termini of transmembrane receptors or ion channels. They have also been shown to bind to
other PDZ domain proteins and could possibly be involved in intracellular signalling. PDZK3
contains six PDZ domains and shares sequence similarity with pro-interleukin-16 (pro-IL-16).
Like pro-IL-16, the encoded protein localizes to the endoplasmic reticulum and is thought to be
cleaved by a caspase to produce a secreted peptide containing two PDZ domains. In addition,
the PDZK3 gene is upregulated in primary prostate tumors and may be involved in the early
stages of prostate tumorigenesis.

Gene ID:

23037

## Application Details

Application Notes:	IHC-P 1:200-400
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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