

**Product Name: PDZK3 Rabbit Polyclonal Antibody****Catalog #: APRab15943**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC, ICC/IF, ELISA
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	PDZD2
<b>Alternative Names</b>	PDZD2; AIPC; KIAA0300; PDZK3; PDZ domain-containing protein 2; Activated in prostate cancer protein; PDZ domain-containing protein 3
<b>Gene ID</b>	23037.0
<b>SwissProt ID</b>	O15018
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PDZD2. AA range:51-100

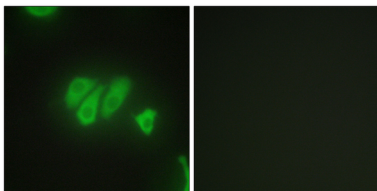
**Background**

The protein encoded by this gene 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, this gene is upregulated in primary prostate tumors and may be involved in the early stages of prostate tumorigenesis. [provided by RefSeq, Dec 2015],disease:May be associated with the early promotion of prostate tumorigenesis.,PTM:A secreted form is produced by caspase-mediated proteolytic cleavage.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 6 PDZ (DHR) domains.,subcellular location:At cell-cell contacts in lung epithelial cells.,subunit:Interacts with SCN10A, CTNND2 and PKP4.,tissue specificity:Expressed (at protein level) in prostate and many prostate tumors.,

## Research Area

Neuroscience; Neurotransmission; Intracellular Signaling; Adapters

## Image Data



Immunofluorescence analysis of HepG2 cells, using PDZD2 Antibody. The picture on the right is blocked with the synthesized peptide.