ELK Biotechnology

PDZK3 rabbit pAb

Cat No.:ES5297

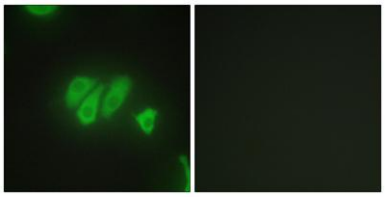
For research use only

Overview

Product Name	PDZK3 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PDZD2. AA range:51-100
Specificity	PDZK3 Polyclonal Antibody detects endogenous levels of PDZK3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PDZ domain-containing protein 2
Gene Name	PDZD2
Cellular localization	Nucleus . Cytoplasm . Endoplasmic reticulum . At cell-cell contacts in lung epithelial cells. .; [Processed PDZ domain-containing protein 2]: Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	23037
Human Swiss-Prot Number	O15018
Alternative Names	PDZD2; AIPC; KIAA0300; PDZK3; PDZ domain-containing protein 2; Activated in prostate cancer protein; PDZ domain-containing protein 3
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],

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



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using PDZD2 Antibody. The picture on the right is blocked with the synthesized peptide.