

Immunotag™ PDZK3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3651
Product Description	Immunotag™ PDZK3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PDZK3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,IF,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from PDZK3, at AA range: 30-110
Specificity	PDZK3 Polyclonal Antibody detects endogenous levels of PDZK3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PDZD2
Accession No.	O15018 Q9QZR8
Alternate Names	PDZD2; AIPC; KIAA0300; PDZK3; PDZ domain-containing protein 2; Activated in prostate cancer protein; PDZ domain-containing protein 3

Antibody Specification

Description	PDZ domain containing 2(PDZD2) Homo sapiens 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],
Protein Expression	Brain,Uterus,
Subcellular Localization	extracellular region,nucleus,cytoplasm,endoplasmic reticulum,cell-cell junction,
Protein Function	disease:May be associated with the early promotion of prostate tumoregenesis.,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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.