

PDCD5 Polyclonal Antibody

Catalog number: 12456-1-AP

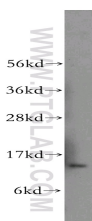
Size: 60 µg/150 µl

Source: Rabbit

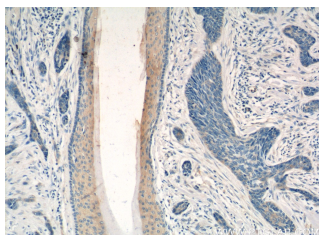
Isotype: IgG

Synonyms:

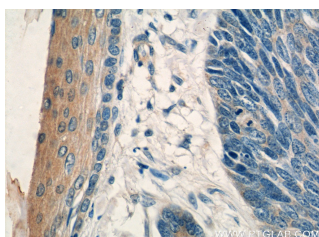
PDCD5; PDCD5, programmed cell death 5, Protein TFAR19, TFAR19



human heart tissue were subjected to SDS PAGE followed by western blot with 12456-1-AP(PDCD5 antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded human skin cancer tissue slide using 12456-1-AP(PDCD5 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human skin cancer tissue slide using 12456-1-AP(PDCD5 Antibody) at dilution of 1:50 (under 40x lens)

Background

PDCD5, also called TFAR19 (TF1 cell apoptosis-related gene 19), was first identified as a gene up-regulated in TF-1 cells under-going apoptosis (PMID: 9920759). PDCD5 can promote pro-programmed cell death in different cell types in response to various stimuli and also enhance TAJ/TROY-induced paraptosis-like cell death (PMID: 15020679). During apoptosis, PDCD5 is rapidly upregulated and translocates from the cytoplasm to nucleus (PMID: 11741587). PDCD5 is a positive regulator of Tip60 and also has a potential ability to interact with p53 (PMID: 22914926, PMID: 19308289). Recent studies have also revealed that PDCD5 may be a suppressor gene and expressed at lower levels in many cancers, including hepatocellular carcinoma, breast cancer, gastric cancer, cervical cancer, lung cancer, astrocytic gliomas, and in leukemia.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated PDCD5 MW:	125aa, 14 kDa
Observed PDCD5 MW:	14 kDa
Positive WB detected in	Human heart tissue, human brain tissue, mouse testis tissue, PC-3 cells
Positive IHC detected in	Human skin cancer tissue, human colon cancer tissue, human colon tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3122
GenBank accession number:	BC015519
Gene ID (NCBI):	9141
Full name:	Programmed cell death 5

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.