

ARG66403 anti-PDCD10 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PDCD10
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PDCD10
Species	Human
Immunogen	Fusion protein of Human PDCD10.
Conjugation	Un-conjugated
Alternate Names	Cerebral cavernous malformations 3 protein; Programmed cell death protein 10; TF-1 cell apoptosis-related protein 15; CCM3; TFAR15

Application Instructions

Application table	Application	Dilution
	IHC-P	1:25 - 1:100
	WB	1:200 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: HeLa, Jurkat and 231 cells. IHC-P: Human tonsil and Human renal cancer.	
Observed Size	~ 27 kDa	

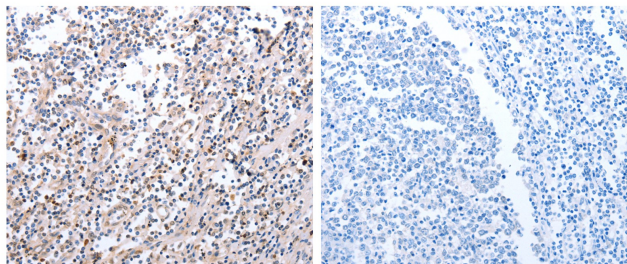
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	0.6 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

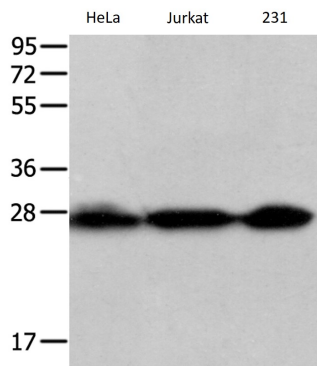
Gene Symbol	PDCD10
Gene Full Name	programmed cell death 10
Background	This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
Function	Promotes cell proliferation. Modulates apoptotic pathways. Increases mitogen-activated protein kinase activity and STK26 activity. Important for cell migration, and for normal structure and assembly of the Golgi complex. Important for KDR/VEGFR2 signaling. Increases the stability of KDR/VEGFR2 and prevents its breakdown. Required for normal cardiovascular development. Required for normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development (By similarity). [UniProt]
Calculated Mw	25 kDa
Cellular Localization	Cytoplasm. Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Partially co-localizes with endogenous PXN at the leading edges of migrating cells. [UniProt]

Images



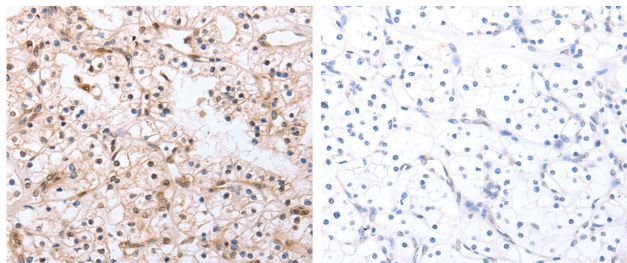
ARG66403 anti-PDCD10 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil stained with ARG66403 anti-PDCD10 antibody (left) at 1:20 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200).



ARG66403 anti-PDCD10 antibody WB image

Western blot: 50 µg of HeLa, Jurkat and 231 cell lysates stained with ARG66403 anti-PDCD10 antibody at 1:200 dilution.



ARG66403 anti-PDCD10 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human renal cancer stained with ARG66403 anti-PDCD10 antibody (left) at 1:20 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200).