OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA322435

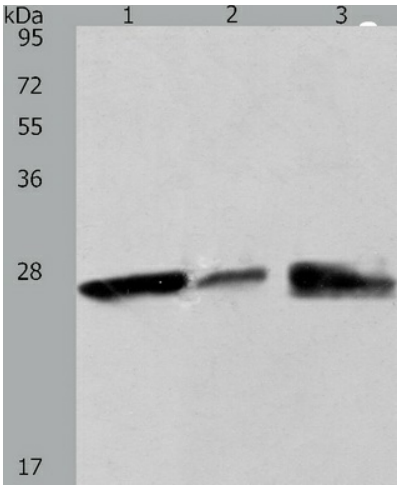
PDCD10 Rabbit Polyclonal Antibody

Product data:

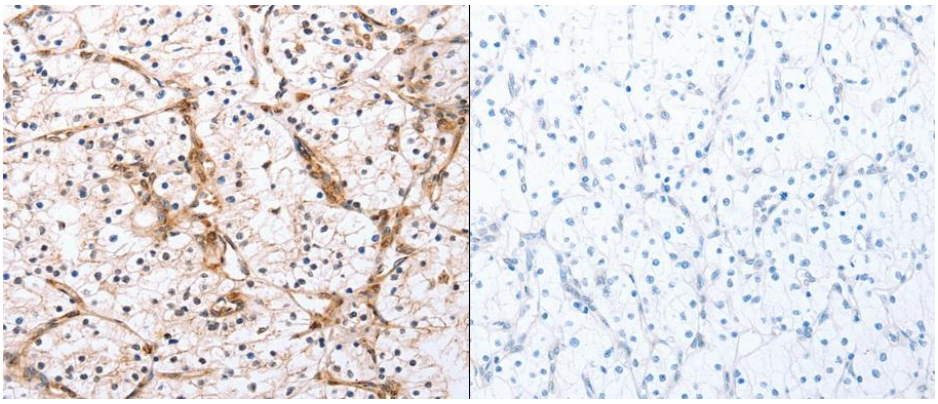
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1000-5000, WB: 1:200-1000, IHC: 1:15-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	programmed cell death 10
Database Link:	NP_009148 Entrez Gene 56426 MouseEntrez Gene 494345 RatEntrez Gene 11235 Human
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 phosphoryated by serine/threonine kinase 25; and is thought to function in a signaling pathway essential for vascular developent. 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.
Synonyms:	CCM3; TFAR15
Protein Families:	Druggable Genome

View online »

Product images:



Predicted band size: 25 kDa. Positive control: Hela cell, human fetal brain tissue and K562 cell lysate. Recommended dilution: 1/200-1000. (Gel: 12%SDS-PAGE Lane 1: Hela cell lysate Lane 2: Human fetal brain tissue lysate Lane 3: K562 cell lysate Lysates: 50 ug per lane Primary antibody: 1/200dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 2 minutes)



Predicted cell location: Cytoplasm. Positive control: Human renal cancer tissue. Recommended dilution: 1/15-50 The image on the left is immunohistochemistry of paraffin-embedded human renal cancer tissue using PDCD10 antibody at dilution 1/20, on the right is treated with the fusion protein. (Original magnification:x200)